

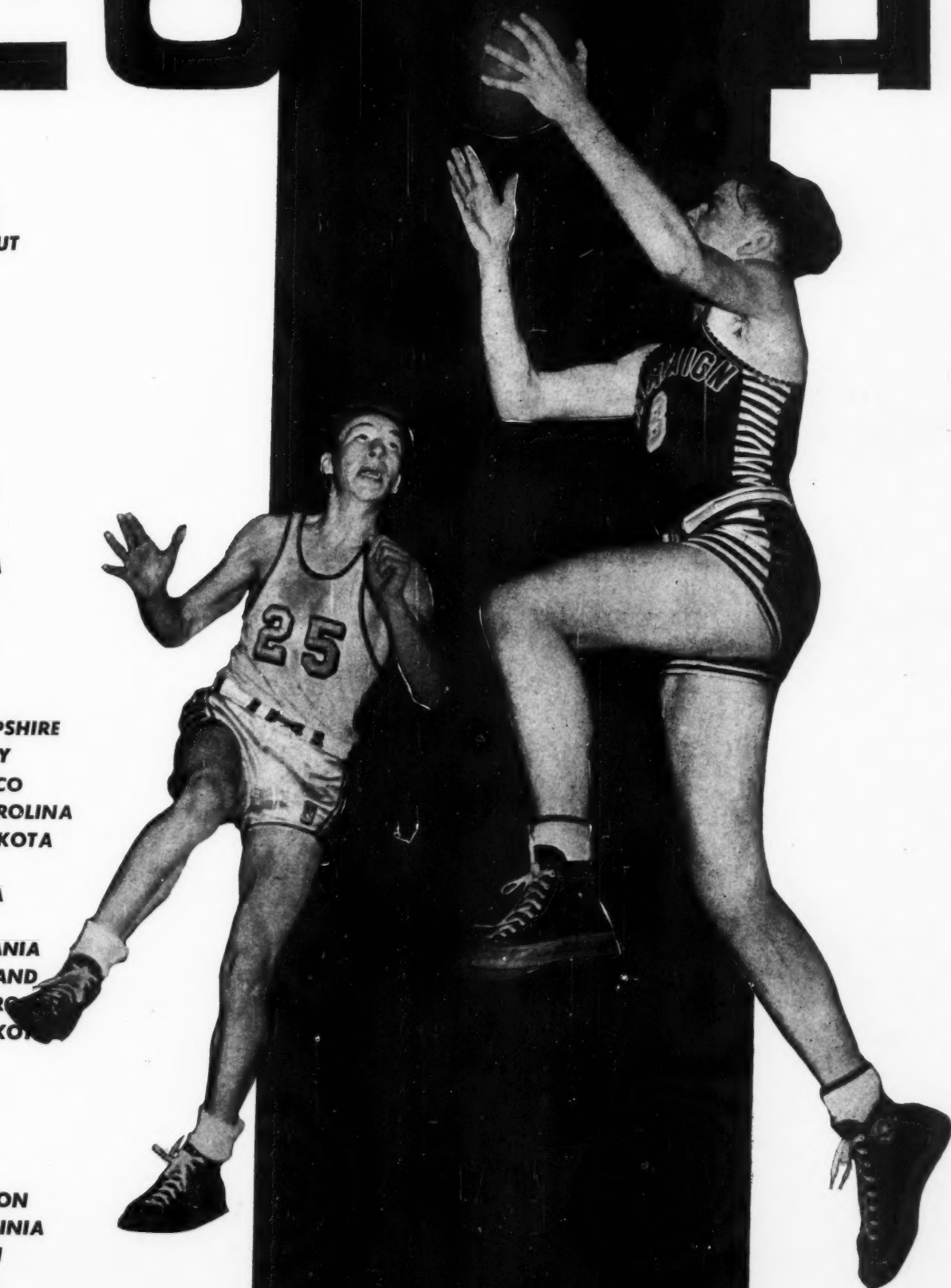
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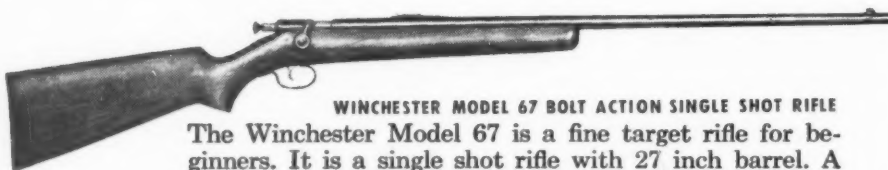
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## SCHOLASTIC COACH

Reg. U. S. Pat. Off.

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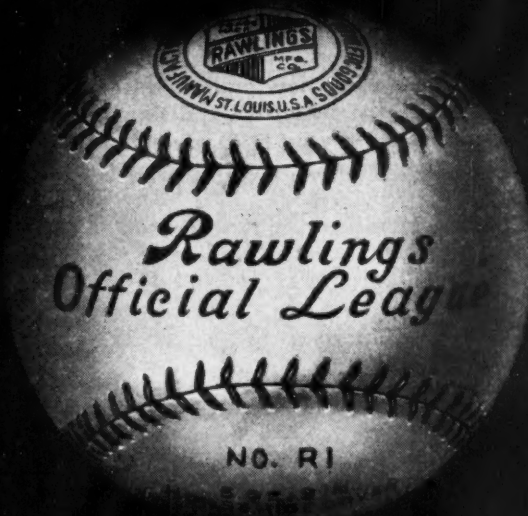
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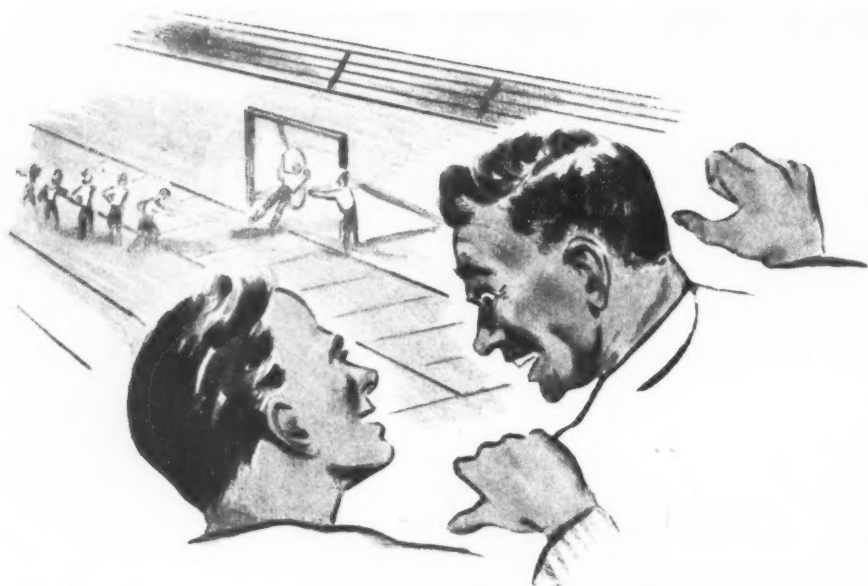
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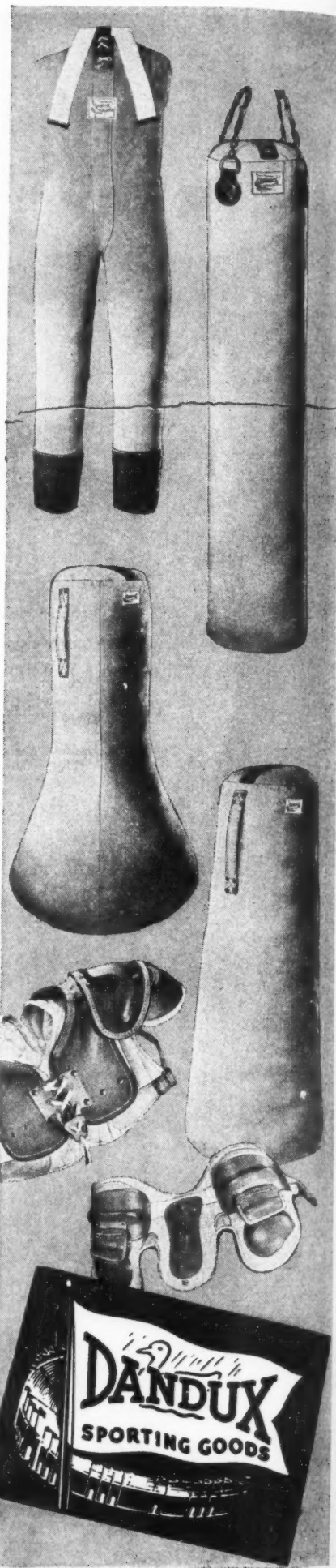
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Here  
Below

# West Point's Dick Tracy

**B**EFORE stowing away our basketball gear for the season, we'd like to lay-up a final crisp shot. We'd like to give you *our* idea of the ten outstanding schoolboy fives of 1946.

We know we're going to make a lot of schools sore as athlete's foot at us for excluding their super set-shot artists. But look, fellers, we couldn't include all the star clubs.

What we did was pick the ten Class A state champions with the best won-and-lost records for the season. And here's the line-up:

High School	Won	Lost
Parrish (Selma, Ala.)	29	0
Allentown (Pa.)	28	0
Lincoln (Neb.)	26	0
Jesuit (New Orleans, La.)	23	0
Middletown (Ohio)	22	0
Roosevelt (Seattle, Wash.)	17	0
Champaign (Ill.)	38	1
Natrona (Wyo.)	33	1
West (Tenn.)	26	1
Crozier (Dallas, Tex.)	32	2

If we had to pick a No. 1 team, the palm would go to Parrish High of Selma, Ala. The last time we saw Parrish (that's a bum joke, son), they had copped two state titles and 67 games in a row!

**I**F you think a Sherman tank hits with flattening fury, wait until you get a load of the Army football team in the new coaching film being put out by the Y.M.C.A. Motion Picture Bureau.

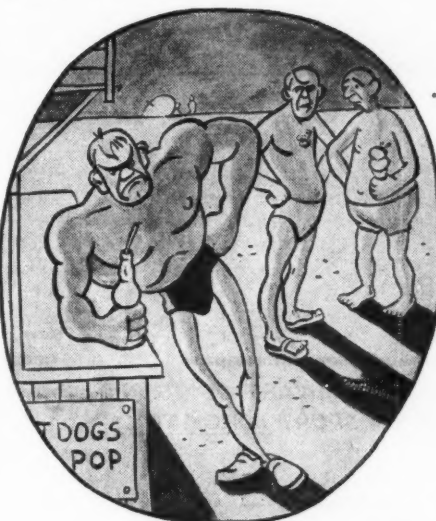
We saw the rushes the other day and are still aching from the bruising blocks the Cadets threw all over the film. It's a honey of a training picture, and we'll tell you more about it next month.

After seeing the preview, we came back to the office—and ran smack into Rollie Bevan, the West Point trainer. Rollie will never give Tyrone Power or Gregory Peck any uneasy moments. But he remains the Cadets' favorite pin-up boy.

And with good reason. In the last two years, Army had about the best conditioned team in the business. They played the seasons through without injury to a key player!

When we asked Rollie for the secret of his success, he pooh-poohed the thought. "Just lots of hard work on body-building drills," he offered. "Of course, we give the boys the best protective equipment available, and immediate attention to every injury—no matter how small."

Anybody can use these drills, Rollie claims. He himself employed 'em in his slightly sensational coaching career at Steele High School in Dayton, Ohio.



Richard Blasko

**"His physical instructor was drafted when he was only halfway through the course."\***

They consist of a carefully graduated series of calisthenics aimed at the vital parts of the body—arms and shoulders, neck, abdomen, back, chest, legs, and ankles.

He insists that every Cadet jog or trot two laps around the field every day, making the second lap faster than the first and finishing with a sprint.

Another Bevan pre-practice essential is chinning. He has installed a chinning bar right on the field. Before starting the day's work, the boys must chin at least six times. In season, the quota is hiked to 12.

Rollie is a stickler for training

\*Richard Blasko, age 17, of Cass Tech, Detroit, received honorable mention for this cartoon in the Cartoon Division of the Scholastic Art Awards.

rules, and spends all his spare time dreaming up ideas to implement them. He has perfected his own secret system of tracking down rules breakers, which he refuses to divulge for fear it may get back to the boys.

His unusual ability to ferret out malefactors has earned him a nickname—"Dick Tracy."

The easiest boy to handle, says Rollie, is Glenn Davis. No trouble at all. Go into his room at 10 o'clock after a game and you'll find him "all tucked in like a ten-year-old," with the evening papers strewn over the floor. Davis, it seems, loves to read the reports of the games.

The quietest bone-crusher is De Witt Coulter, the man-mountain all-American tackle. Coulter is a loner, always off by himself working out like mad. He is crazy about training. You can always find him in a corner of the field, doing things like throwing a football into the air and running under it to make the catch.

A wonderful artist, he is the official inscriber for beer-jackets.

About the Army prospects for next year, Bevan alleged, "Great first team, good second team." About the prospects for getting a couple of ducats to the Army-Navy game—a loud, pregnant silence.

**T**HE first nibble at the double quarterback-T idea we broached last month, comes from an old friend, Captain E. P. "Chink" Coleman, of Wentworth Military Academy (Lexington, Mo.).

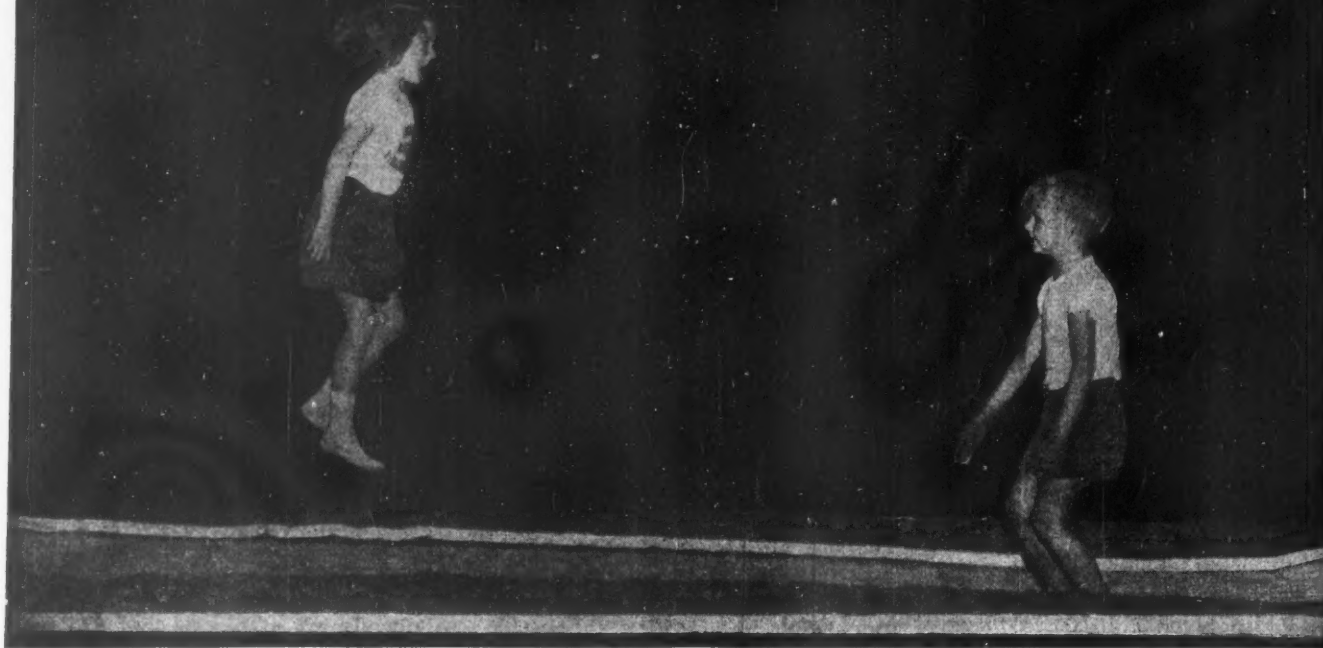
Chink tells us we were right in claiming that everybody is using the T these days—if not *in toto* then as a supplement to the regular offense. He found this to be true among all the coaching brethren he met at four coaching schools in three states last season.

Chink also tells us he has T-eed up his famous triple spinner. He has shifted his No. 1 and No. 2 backs from the old formation—up under center, as in the Woodward double-Q. (See diags. on p. 42.)

(Concluded on page 42)



# NOW...something NEW in Physical Education



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# EYES ALL SEEING

by Edward H. Boell

In his article, "Wanted: Two Umpires!", in the March issue, Coach Ed Boell, of Great Neck (Long Island, N. Y.) High School, went to bat for the two-umpire system in schoolboy baseball. As a follow-up, he presents the mechanics of the system.

**U**MPIRING a baseball game alone is about as easy as cleaning up the Yankee Stadium with a whisk-broom. The job is too big for one man. There are too many complex situations.

Suppose, for example, a play is being made at first base. At the same time, the third baseman is interfering with a runner rounding that bag. Can the ump call both plays?

Of course not, unless he is equipped with two heads. The only thing you can be sure of is that the ump will wind up with a headache.

In the past, the solo ump usually worked from back of the pitcher. With a little hustling, he could do a fairly good job on the base-paths. But he couldn't possibly call the balls and strikes with great accuracy. Except for sandlot games, the back-of-the-mound system is now practically obsolete.

Nowadays, the high school umpire attempts to do the work of two men—the plate ump and the field ump. He starts each inning behind the plate; then, when the situation demands, goes out behind the mound.

How far, far simpler and efficacious it is to have two men work the game. Two men working smoothly together can cover practically every situation that will arise in a schoolboy game. Isn't this worth the extra \$60 it may cost you?

Let's see how the two men can cover the field. First, let's see what the rule book has to say about these two men.

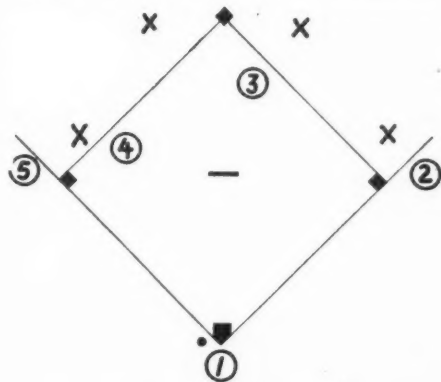
Rule 54, **Umpire in Chief**, reads as follows:

**Section 1.** The Umpire in Chief shall take position back of the catcher; he shall have full charge of and be responsible for the con-

duct of the game. With exception of the decisions by the Field Umpire, as described in Rule 55, the Umpire in Chief shall render all decisions that ordinarily devolve upon a single umpire, and which are prescribed for "The Umpire" in these Playing Rules.

**Section 2.** He shall call and count balls and strikes, shall call fair and foul hits (including a foul tip), and shall make all decisions on the batsman.

**Section 3.** He shall render base decisions in the following instances: (1) if the ball is hit fair, with a runner on first, he must go to third base for a possible decision; (2) with more than one base occupied,



**Basic umpiring positions:** (1) plate; (2) first-base foul line; (3) right side; (4) third base; (5) third-base foul line. X's indicate fielders.

he shall, on appeal, decide whether or not a runner on third leaves that base before a fly ball is caught; (3) in case of a runner being caught between third and home, when more than one base is occupied, he shall make the decision on the runner nearest the home plate.

**Section 4.** The Umpire in Chief alone shall have authority to declare a game forfeited.

Rule 55, **The Field Umpire**, says this:

**Section 1.** The Field Umpire shall take such positions on the playing field as in his judgment are best

suited for the rendering of base decisions. He shall render all decisions at first base and second base, and all decisions at third base except those made by the Umpire in Chief in accordance with Section 3, Rule 54. He shall have equal authority with the Umpire in Chief in the calling of balks on the pitcher, and enforcing Section 4, Rule 14 and Section 2, Rule 27 prohibiting the use of foreign substance on the ball and prohibiting "freak" deliveries.

**Section 2.** He shall aid the Umpire in Chief in every manner in enforcing the rules, with the exception of declaring a forfeiture, shall have equal authority with the Umpire in Chief in fining or removing from the game players who violate these rules.

Rule 56, "No appeal From Decisions Based on Umpires' Judgment," reads in part, "... In case the manager or captain seeks reversal of a decision based solely on a point of rules, the umpire making the decision shall, if he is in doubt, ask his associate for information before acting on the manager's or captain's appeal. Under no circumstances shall an umpire criticize or interfere with a decision unless asked to do so by his associate."

Note ... an umpire may not change decisions of other umpire or umpires. The latter may ask for a conference. If satisfied he is wrong, he may then change his decision.

With runners on base, real teamwork is necessary to cover all possible plays. Let's see how this can be accomplished. Assuming you're the base umpire:

With no one on, take a position in foul territory, close to the foul line, about 15 to 20 feet from first base, out towards right field.

On a ground ball to the infield, come into the diamond, in fair territory, about six or eight feet from the bag and get into position to see the play.

On balls hit to the second base-

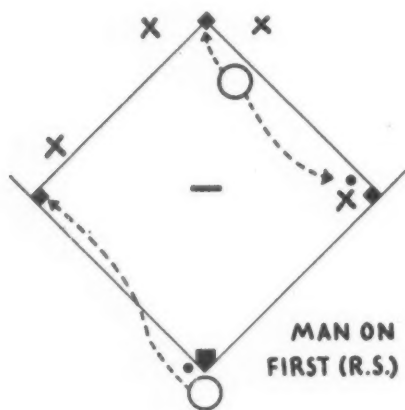
man, don't come too far into fair territory. You might be hit by the throw.

Keep your eyes on the ball until it is safely on its way to the first baseman. Be ready to move in case a wild throw is made toward your side of the bag.

When the play is completed, call it, and go back to your position. But don't turn your back too soon. The baseman may drop the ball, putting you in a jam. Make sure the play is completed.

If the throw is wild, your job is the same as on a base hit. Cut into the diamond from your position, watch the runner touch the base, and head for second base for a possible play.

On close foul-line hits and over-the-fence drives, you can help the plate umpire call the play by your actions. If fair, cut into the diamond and indicate by pointing toward fair territory. If foul, remain in foul territory and indicate by pointing toward foul territory.



On shoestring and other difficult catches in the outfield, get as close to the catch as possible. Let the plate umpire cover the runners.

Last season I saw a good semi-pro plate umpire cover second while the base umpire was covering an outfield play. This was real teamwork.

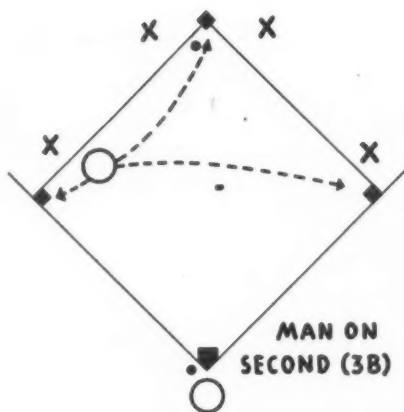
On long hits, take the batter all the way around to third base, if necessary. The plate umpire takes him at home, if he gets that far.

**Man on first base:** Take a position a little to the first-base side of the pitcher, and approximately 20 to 25 feet from second base, on the infield grass (out of the base path).

By moving front, back or side, a foot or two or three, you can cover any play without interfering with any fielder.

Should the center fielder wish you to move, a step or two either way will take you out of his line of vision with the pitcher and batter.

Sometimes a batter will ask you



to move, usually when the pitcher is lefthanded. The shortstop will also ask you to move once in a while, usually when he expects to cover second on a possible steal.

In case of a pick-off at first, hustle toward first and get as close as you can for the call. On a steal, you are in excellent position to get on top of the play.

One thing in particular in regard to a steal: As you head toward second, keep your eye on the ball as the catcher throws it. Don't turn your head before the ball gets there. You might be hit with the ball.

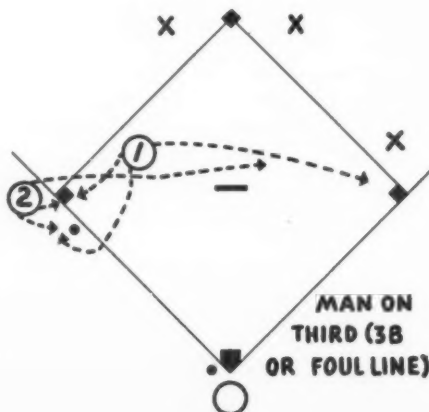
If there is a wild throw or an error on the play, and the runner continues to third, take him into the base. On a hit or a wild throw over first base, let the plate umpire take the play at third.

On a possible double play, call the play at second from where you are, turn and hustle toward first for the follow-up.

If the out at first base comes first, don't hustle too far toward that base. There may be an attempt to trap the runner rounding second.

On a hit advancing the runner to third or home, watch for the cut-off and attempt to get the batter going into second.

**Man on second base:** Take a position between the third baseman and the shortstop, in on the grass, 3 or 4 feet in front of the base path. Check with the left fielder to make



sure you are not obstructing his view of the batter.

A steal or pick-off will find you on top of the play.

On a fly ball, line up for the catch and possible advance of the runner to third.

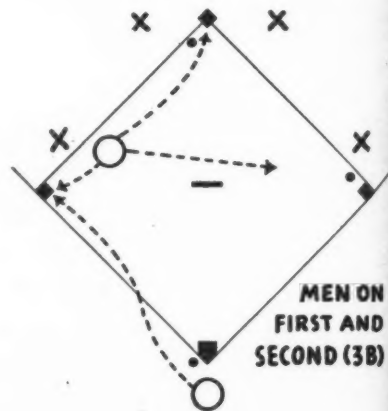
In case of a ground ball and a play to first, make sure there isn't a play on the runner going to third, then hustle over to first for the call.

On an overthrow or a relay on a hit, let the plate umpire cover the runner coming from second while you pick up the batter rounding first for a possible play at second.

**Man on third base:** There are two possible positions. One is the same position as with second base occupied. The other is in foul territory back of third, similar to the position at first with no one on.

I prefer the former because it places you 30 to 40 feet closer to first on plays at that bag. And you will have more plays at first than tag-up plays on sacrifice flies.

On a tag-up fly, cut into foul territory slightly ahead of the runner and get the proper angle position on the outfielder and throw.



On a hit, hustle across the diamond to pick up the batter rounding first (make sure you see him either hit or miss the bag), and perhaps take him into second.

**Men on first and second:** Again your position is between the third baseman and the shortstop. This puts you on top of a steal, a pick-off, or a play at first.

On a hit, error, or relay, the man on first becomes the responsibility of the plate man.

With less than two out, we have the famous "infield fly" situation. The responsibility for calling this play rests with the plate umpire (Rule 54, Section 2).

Don't forget to take the play at first on the dropped third strike with two out.

On a tag-up fly, the plate umpire

(Continued on page 51)



## INSIDE PASS

(Competitive Pictures)

**H**ERE is a classic example of that inside pass which W. Harold O'Connor (Peck High, Barrington, R. I.) and George Eastment (Manhattan College) commented upon so favorably in recent issues of SCHOLASTIC COACH.

As you can see, it violates the cardinal rule of baton passing: "Receive with the right hand, pass with the left."

What are the advantages of the inside pass? Coach O'Connor believes it has attractive possibilities on the inside lane. With four or five boys on the line awaiting passes, the confusion flows toward the outside. By passing on the *inside*, the pole team greatly obviates the possibility of being bumped.

Insofar as Coach Eastment is concerned, the inside pass has it over the outside on any part of the track, and he teaches it as his basic pass. In all his years of coaching, he says, his teams haven't lost more than five races through faulty stick-handling.

The inside pass is executed beautifully in this particular sequence. The receiver awaits his teammate with left arm extended backward just below shoulder level.

As the passer draws near, the receiver gathers speed slowly while closely watching the stickman over his left shoulder. He receives the baton at full-arm's reach (last two pictures of sequence on left).

Note how the receiver grips the baton at the near end, presenting the greatest possible surface to the receiver, and how he passes up into the receiver's hand.

Upon seizing the stick, the receiver quickly turns front and gallops away. Since he is making no attempt to switch the stick to his other hand, we may assume he is running anchor.



# State Basketball Finals

**T**HAT loud crash you heard last March was the basketball attendance records smashing to smithereens. The first peacetime state finals took the nation by storm, with record crowds reported in every section of the country. For example:

- More than 30,000 fans witnessed the first-day eliminations in Iowa (eight games in morning, noon and evening sessions).
- In Minnesota, total attendance reached 61,258, with 16,091 at the finals packed into a field house designed for 13,700.
- In Indiana, the admissions to the series leading up to the state championships totaled a staggering 1,300,000.
- The day the tickets for the Illinois finals went on sale, 33,000 requests were made for the 7,000 tickets.
- Wisconsin broke its old attendance record by 19,000.

Down South, where interest has been comparatively tepid, basketball attendance reached new peaks, especially in Missouri, Alabama, Georgia, and Tennessee.

As usual, six states didn't sponsor final championships—New York, California, Delaware, Maryland, Massachusetts, and Michigan. With the exception of Delaware, however, each of these states sponsored or sanctioned regional play.

From a tactical standpoint, the tournaments revealed no particular trends. Thanks to the elimination of the center jump and other time-saving devices, high scoring continues to flourish.

The fast break remains the primary offensive weapon of practically every team, and the man-to-man defense is still the most popular method of guarding.

From the states:

## Texas

### 29 stations air finals

**A**PPROXIMATELY 35,000 fans jammed the U. of Texas gym to the rafters for the three-day playoff of the state championships (AA, A and B).

With 29 radio stations broadcasting every play, Crozier Technical of Dallas, coached by Doc Hayes, won the

AA title for the first time in its history.

A soundly coached, adaptable club, with a season record of 24 and 2, Tech set up its offense according to the defense. Against man-to-man opponents, it worked off a double pivot. Against 3-2 zones, it usually overloaded one side. The 2-3 zone was met with a flanking offense.

Defensively, Tech employed man-to-man, at times pressing the offense all over the court.

Pasadena (won 29 lost 2), coached by E. W. "Ned" Thompson, won the A championship with a fast-breaking attack and zone defense. In its three tourney games, Pasadena never failed to score less than 50 points.

Stratford (won 30 lost 10), copped the B title, thanks to a good double-post pivot and man-to-man defense.

The tournament was unquestionably one of the finest in the history of the Lone Star State. Eight games a day were played, with the three champions being crowned on the final (third) day.

—R. J. KIDD

## Michigan

### Holland tunnels Hill

**I**NTEREST in basketball reached an all-time peak in Michigan with overflow crowds in virtually all the district, regional and final tournaments.

Exactly 243,336 fans attended the 1946 state association tournament games! All in all, the competition embraced 675 schools and 10,000 boys.

Michigan holds two final tournaments, one in the Upper Peninsula and the other in the Lower Peninsula. Champions are determined in four classes.

In the Lower Peninsula, Holland defeated Saginaw-Arthur Hill, 43-40, for the A title; St. Joseph licked Fenton, 33-26, for the B crown; Manton outlasted Saginaw-SS Peter and Paul, 34-33, in C play; and Bridgman captured its second straight D title by walloping Detroit-Country Day, 42-27.

In the Upper Peninsula, Escanaba took the B championship by drubbing Sault Ste. Marie, 52-38; Norway beat Newberry, 48-44, in C; Rock Hill took over Cedarville, 41-36, in D; and Alpha baited Champion, 48-28, in E.

A total of 5,226 spectators witnessed the Upper Peninsula finals, while 32,500 fans jammed the Lower Peninsula play-offs, with a record crowd of 11,251 watching the big finale.

The fast break attack and the man-to-man defense were employed by practically every team. Also very much in evidence were bucket plays and the one-hand style of set and foul shooting.

—CHARLES E. FORSYTHE

## West Virginia

### Horn tooter crumbles Stonewall

**B**EFORE 6,000 howling fans in the West Virginia U. field house Woodrow Wilson High of Beckley captured the first state crown in its history, 40-37, over a stubborn Stonewall Jackson team from Charleston.

Twice Stonewall drew within point of its conquerors, trailing 21-23 late in the third period and again 37-38 in the last 90 seconds. But Beckley's superior backboard play and accurate shooting proved too much.

Paced by their great center, Larry Hunt, the new champions grabbed rebound after rebound and, for the third straight game, moved to victory without ever being forced to come from behind.

Hunt, a senior, playing his first year of ball after blowing trumpet in the school band, captured scoring honors with 16 points.

Beckley used the fast break whenever possible, then went into a set attack built around a single pivot (Hunt). On defense, the winners threw up a pressing man-to-man that practically precluded their opponents from close-in shots.

Stonewall also employed the fast break, with Jarrett, a forward, dribbling down the center and either continuing to the basket or feeding a man cutting in from the side. With the big Beckley defense keeping them out, the losers frequently had to resort to long shooting.

The win boosted Beckley's season record to 26 and 2. It won its way into the finals by defeating the tournament favorites from Weirton, 50-44, then went on to eliminate Iaeger, 56-37, in the semis.

Everybody was happy for Beckley veteran coach, J. R. Van Meter. After losing out in the finals in 1926, 1934 and 1944, he finally broke through with a winner.

The eight-team final tourney (the sessions over two days) produced a new attendance record of 22,780.

—MAURICE J. LANTIER

(Continued on page 14)



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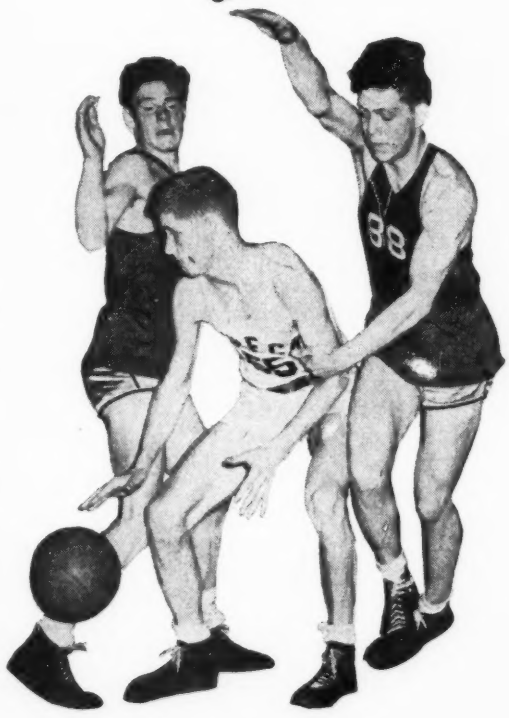
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Crozier Tech, of Dallas, double-A champions of Texas.



Beckley (won 26 lost 2), the best in West Virginia.



Jefferson, of Elizabethtown, New Jersey's finest



No empty seats at the Michigan playoffs!



# State High School Basketball Tournaments, 1946

TOTAL RECEIPTS	RECEIPTS FINALS	ADMISSION FINALS	ATTENDANCE FINALS	SCHOOLS COMPETING	SEASON RECORD	SCORE	COACH	RUNNER-UP	COACH	WINNER
\$4,096	\$1,081	60c-30c	2,500	255	29-0	48-30	J. H. Dawson	McGill	Comer Sims	Parrish
		\$1	2,500	63		44-37	John Whatley	Glendale	E. C. Ford	Mesa
		75c	1,800 1,500	400			C. J. _____	Jonesboro	Burnett Pyle	A-Little Rock B-Marshall
NO STATE CHAMPIONSHIP IN CALIFORNIA										
					A-16-3	35-28 23-13 39-38	A. L. Montgomery Dale Lundy T. F. Moore	Longmont Fruitvale Fleming	LeRoy Opdycke Eugene Hanson W. E. Bishop	A-Boulder B-Gr. Junction C-Pleasant View
			5,000	58		34-29 44-31 35-26	Tom Monahan	Bristol Stonington Ellsworth Mem.	Sam Bender	A-New Haven B-Branford C-Bloomfield
NO STATE CHAMPIONSHIP IN DELAWARE										
	\$1-50c 50c-35c 50c-30c			250			F. J. Clinton H. J. Rahm L. T. Feshee	Miami Edison Jesuit of Tampa Hilliard	Leo Boles C. J. Caldwell E. L. Carmichael	A-Miami Beach B-Ft. Lauderdale C-Pompano
	90c-60c		1,236	423		37-36 17-7 21-2	R. L. Doyal M. M. Gaultney W. H. Martin	Boys, Atlanta Tucker Montezuma	Chick Shiver R. E. Hinds J. R. Cook	A-Savannah B-Rossville C-Greenville
\$7,500	\$4,000	\$1	4,000	160	21-2 20-3	(2 out of 3) A-42-40; 35-28 B-36-34; 44-34	Elmer Jordan Ross Armitage	Coeur d'Alene Kendrick	Bob Brunker Ronald Pierson	A-Preston B-American Falls
\$24,450	\$2.40 season ticket		7,200	880	38-1	54-48	Arthur Trout	Centralia	Harry Combes	Champaign
			14,911	776	22-7	67-53	Murray Mendenbach	Central, Ft. Wayne	Charles Cummings	Anderson
\$45,000	\$19,440	\$1.50-\$1.20	16,000	898	18-7	41-40	Eugene Carey	LeMars	Gil Wilson	Iowa City
\$9,500 \$5,500 \$5,800	\$1.25-\$1		5,000	624	AA-16-2	31-30 42-39 33-30	Jack Randle Claude Reynolds Morris Deffer	McPherson Wamego Nickerson	John Ravenscroft Don Zeigler George Norton	AA-Newton A-Hoisington B-Pretty Prairie
\$31,442	\$4,409	\$1.20-80c	5,939	500	24-2	68-36	Paul Stevens	Dawson Springs	Bob Laughlin	Breckinridge
			2,000	280	AA-23-0	28-27 22-21 40-19	Wally Willis John Hall	Istaura Many Denham Springs	German Brown E. O. Cooper	AA-Jesuit A-Lyon, Covington B-Dayline
					19-2		Fred Pinkham	Bangor	Clyde M. Hetch	Auburn-Little
NO STATE CHAMPIONSHIP IN MARYLAND										
NO STATE CHAMPIONSHIP IN MASSACHUSETTS										
	L. P.-11,251 U. P.-5,226			675		L. P. U. P. 43-40 52-38 33-26 48-44 34-33 41-36 42-27 48-28	(Runner-Up) Sault Ste. Marie Newberry Cedarville Champion	Upper Peninsula B-Escanaba C-Norway D-Rock Hill E-Alpha	(Runner-Up) Arthur Hill Fenton Peter and Paul Detroit City, Day	Lower Peninsula A-Holland B-St. Joseph C-Manion D-Bridgman
\$9,372	\$3,800	\$1	2,700	180	14-2	45-30 60-50	C. A. Briel	Lynd	Ovo Barren	Austin
							Ed Chinake	Columbus	Lula Weaver	A-Missoula B-Dillon
							Lloyd Sker	John Barovich		A-Liberal



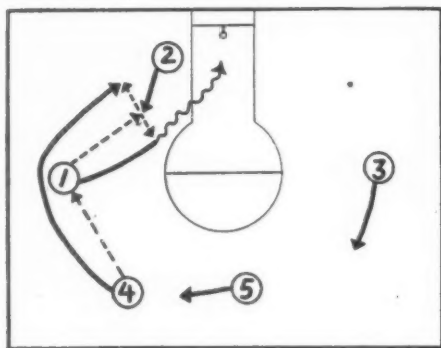
## Illinois

### Champaign flows at last

**T**O many followers of the 35-year basketball history of Champaign High School, the old adage which starts, "If at first you don't succeed," was a pretty sour bromide by the time the 1946 finals rolled around.

On sixteen occasions, the Maroons had battled their way to the state finals, only to be stopped by sixteen other great teams, many of which went on to win the title.

But in 1946, the team which had put in more appearances at a state final than any other, the team which had sixteen times been a bridesmaid but never a bride, the team which in each of its sixteen previous attempts had played grand basketball—finally crashed through to a state title.



For the next twelve months, anyone sending letters to "Champaign" can alter the spelling slightly and address it "Champion." Of course, the letter won't get there, but who cares; Champaign will still be celebrating its first state title.

Champaign and Centralia started cautiously in the championship struggle. Centralia, resorting to the long-shot game, finally eked out a 9-8 lead at the end of the first quarter. A basket by Fletcher then sent Champaign into a lead it never relinquished. Baskets by Beach, Cottrell and McDermott gave the Maroons a 36-24 lead after three quarters of play.

In the fourth quarter, Centralia abandoned its distance shooting and started driving in for short shots. Schnake, Rush, McBride, Oland and Anderson all contributed to a terrific comeback which narrowed the gap 42-38, with only three and a half minutes left. At this point, Champaign's Ted Beach and McDermott took charge and between them scored 12 points to Centralia's 10 to lead the Combesmen to a 54-48 victory.

It was a well-deserved win. It was Champaign's year and it capitalized on every break, fighting with a spirit that simply would not be denied. Captain Jim Cottrell, who played a steady game and exhibited brilliant leadership, was the first to be hoisted on the shoulders of well-wishers. Though playing with a heavy chest and shoulder harness because of a trick shoulder joint, Cottrell was a worthy leader throughout a long and hard season.

Acclaim for Cottrell was extended to the other Maroons and to Coaches Combes and Jester who immediately joined a huge throng at the Champaign Junior High for a rousing celebration. Monday was a school holiday and the town was given over to celebrating. Everybody agreed it was worth a seventeen-year wait.

In a special note to *Scholastic Coach*, Coach Combes describes his offense and defense as follows:

"Champaign used a pressing defense, picking the opponents up all over the floor immediately upon loss of the ball. Offensively, we used the three-lane fast break whenever the opportunity presented itself. When the opportunity wasn't there, we went into the pivot style of attack, employing both inside and outside screens.

"We tried to have two cutters every time the ball went into the pivot. We used no set plays. The offensive pattern in the diagram is as old as the game itself. In another of our patterns, the post man screened for the weak-side forward on the side of the floor opposite the ball."

—M. F. SPRUNGER



Champaign (High) goes to Illinois' head!

## Washington

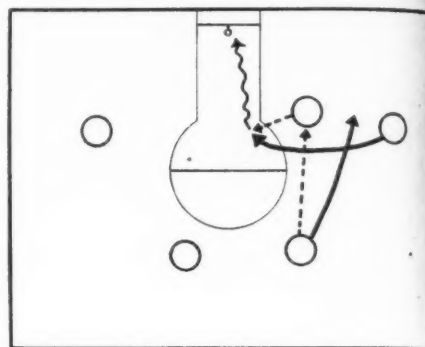
### Roughriders outgallop Wildcats

**T**HE 22nd annual state tournament proved a fitting climax to an exciting prep season. The final game brought together two diametrically opposed teams.

Roosevelt's Roughriders of Seattle averaged 6-1, were good ball-handlers, good shots and excellent team men. During the regular season, Dick Williams, 6-4 center, set a new league record of 202 points in 12 games (old record, 175 points), for an average of 16 5/6 points per game.

The Bremerton Wildcats averaged 5-11, were exceptionally aggressive on defense, and past masters of the fast break.

The Roughriders, unbeaten in 17 games, outgalloped the Wildcats, 40-38.



Three years ago, before the Seattle schools entered the tournament, the attendance for the four days was about 13,000. This year a new attendance mark was set—46,000. Hoquiam brought its entire student body 150 miles to the tourney!

Strangely enough, all eight finalists hailed from the western half of the state. In her second year of state play, Seattle maintained its perfect record. Lincoln of Seattle copped the crown last year, while Roosevelt, her cross-town rival, captured the trophy this season.

The undefeated Seattle champs didn't flash the power and speed they

(Continued on page 16)



Roosevelt's Roughriders ride high in Washington.



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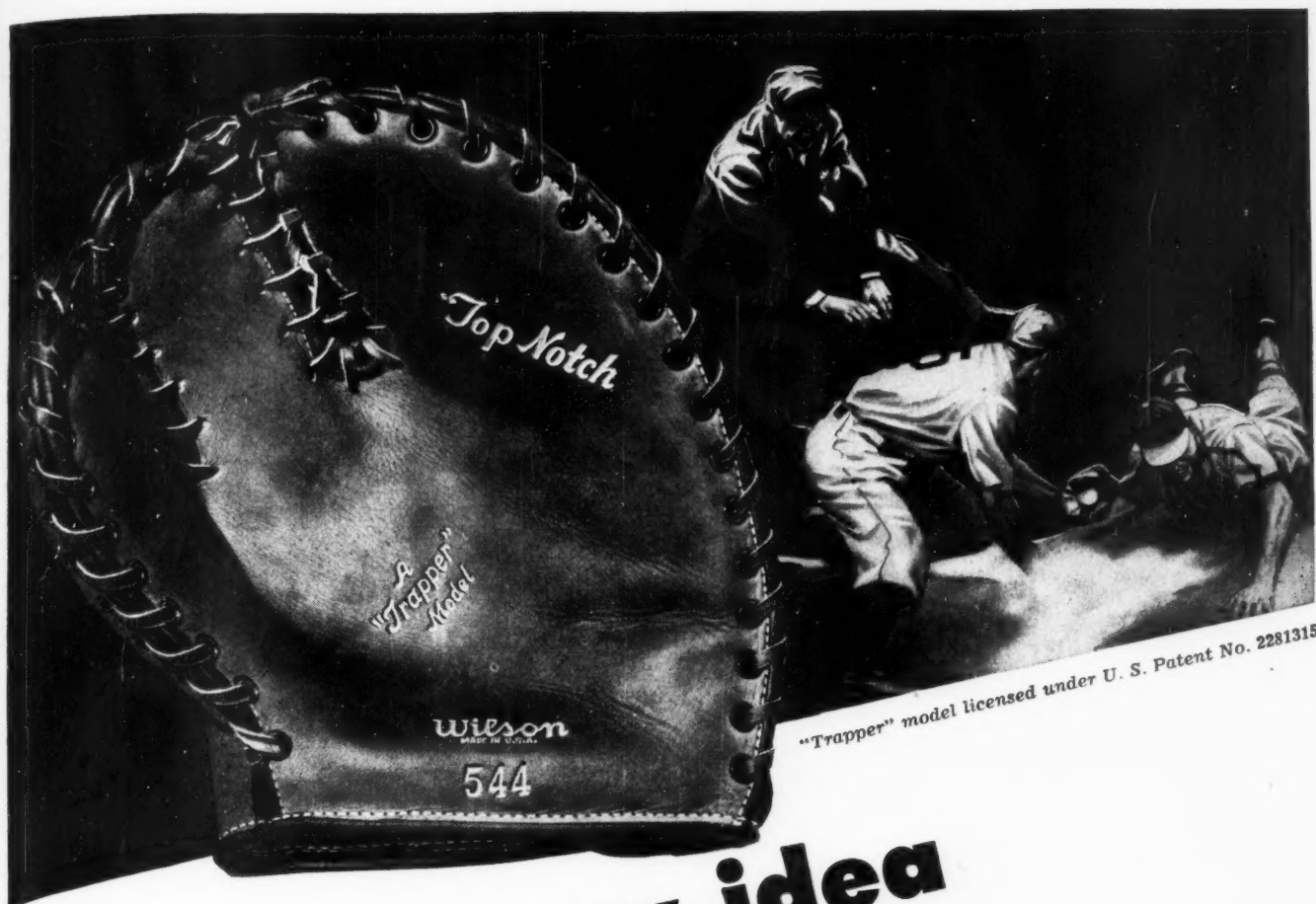
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## new idea in First Basemen's Mitts

**A mitt that gives all fingers a  
chance to work freely**

The name Wilson is identified with newest ideas in equipment for playing our modern sports more efficiently and more enjoyably. This unique-looking Wilson "Top Notch" First Basemen's Mitt (a Trapper Model) is an excellent example. It is unquestionably the "last word" in mitts for doing a smart job of first basing. The new scientific design provides for protection and action of all fingers. The Top Notch "breaks" on little finger side as well as on thumb side. The whole glove works with the hand. Wilson Sporting Goods Co., Chicago, New York and other leading cities.

For the "Last Word," choose

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Baseballs made to meet the most exacting specifications in any league. Another product of Wilson skill and quality ideals. If it's a "Wilson" it's the last word in its price group.

**IT'S WILSON TODAY IN SPORTS EQUIPMENT**

showed during the regular season. Their defense was adapted to the particular opponent:

1. Hoquiam's offense was met and completely stopped by a 2-3 zone defense that continually kept over-shifting.

2. Against Gonzaga, Roosevelt started with a man-to-man, shifted to a 1-3-1 zone, then went into a full floor, forcing man-to-man.

3. Roosevelt threw a 1-2-2 zone against Puyallup, but switched to a forcing man-to-man in the final two minutes to prevent any long set shots that might tie the score.

4. In the championship game, in an effort to check Bremerton's terrific speed, Roosevelt employed the 2-3 zone. They overshifted to prevent Bremerton from faking and going around, while staying alert to intercept fast cross-court passes.

Roosevelt's offense was also styled to meet the individual opponent:

1. Hoquiam was the only team to confront Roosevelt with a zone, so Roosevelt set up with a 1-3-1 offense with the side men floating to open spots. However, many points were picked up with a fast-break.

2. Against Gonzaga and Puyallup, Roosevelt used both the single and double pivot set-up, with the outside men weaving. After feeding the pivot man, the passer cut toward a teammate who broke sharply behind him to receive a pass from the pivot and dribble in for a lay-in shot (see diagram on page 14).

3. To check the speed of Bremerton, Roosevelt, in the championship game, used an irregular offensive set-up that stressed continual defensive balance.

Roosevelt's pivot man set up under the basket and three other men worked with him—the fifth man always stayed back-court like the old time standing guard. With only four men in front-court, more room was open in scoring territory, with more room and opportunities for faking and going around the defensive men.

When the Bremerton guard on the fifth man dropped back to mess up the formation, the back guard would sneak to an open spot for a pass and a set shot.

—CLARK JONES

## Ohio

### Lord answers Farmer prayer

**M**IDDLETOWN in Class A and Farmer in Class B are the 1946 basketball champs.

Middletown, undefeated in 26 games, became the second straight unbeaten club to win top honors, downing Akron North, 42-37, in the final before a crowd of 7,500.

State champs in 1944 and runner-up in '45, the Middies (coached by George Houck) own a string of 69 out of 70 games. They have now reached the finals three straight years, a record matched only once before.

Farmer, a school with only 29 male students, dented Worthington in the B finals, 36-32, before 3,700 fans.

Using a cool, deliberate brand of offense and a man-to-man defense, the Middletown five was a favorite all the way. They were extended only twice. Star of the team was Paul Lansaw, a bespectacled center, who guided the offense very efficiently and also proved a power on defense.

In the finale, Middletown once trailed by seven points, the largest margin it was behind all season. It didn't take the lead until the fourth quarter.

Jim Smithy, a speedy ball-hawk, was the big noise in the Akron North attack. North made a great finish in the tournaments after a mediocre record of 9 and 6 during the regular season.



Middletown and Akron-North battle for a rebound in the Ohio state championship.

Farmer, a pre-tourney favorite, thanks to a 32 and 1 record, presented its veteran coach, Ollie Zedaker, with his first state title.

Real hero of the Farmer five in the title game was 17-year-old Ed Lord, a crippled lad who scored 17 points, most of them in the crucial spots. The champs, a zone defense team, now boast a four-year record of 100 victories and 9 losses.

An interesting sidelight of the tournaments was the disparity in foul calls. In A competition, 122 personals were called; in B, only 56.

Ohio uses the regional system of playoffs, with the 16 district winners in each division meeting in a two-day play-off to decide the four semi-finalists.

All four sessions of the 1946 tournament attracted capacity crowds. In fact, the ticket supply ran out several days before the events. Each competing school was allotted a certain amount of tickets, with the remainder going to the public. The two A sessions attracted about 15,000 fans, while the three B games were witnessed by 7,600.

—LOUIS BERLINER

## Iowa

### Six points in 55 seconds

**T**RAILING five points with 55 seconds to go, the Little Hawks of Iowa City High did the impossible when Bob Freeman poured in three quick baskets to give them a 41-40 victory over LeMars in the state finals.

The finale provided a contrast in defenses. Iowa City employed a man-to-man, sometimes pressing hard down court and other times dropping back. LeMars, with its 6-3 average height, worked out of a tough 3-2 zone.

Offensively, Iowa City relied greatly on a dribbling and short-pass fast break. They also used a set offense in which the guards would screen inside for the forwards and the forwards would shoot over them from the sides or drive into the free-throw circle.

LeMars' fast break was predicated on long down-court passes. The losers also resorted to long shooting in an effort to exploit their height in rebounding.

A feature of the tournament, something seldom seen anymore, was the tantalizingly slow, deliberate, set offense employed by tiny Danbury. They upset Clinton to reach the semi-finals and gave Iowa City a whale of a battle before succumbing 25-24.

Danbury was the only Class B school to get by the first round of the tournament. While its deliberate ball-control proved unnerving to its opponents, it captured the fancy of the spectators.

—HOWARD H. STUTZMAN

## Wisconsin

### First small-school winner

**T**HE state tournament was a record-breaker in several respects. Held at the U. of Wisconsin field house, it attracted a total attendance of 48,600 or 19,000 over the previous high!

The tournament also produced the first truly small-school state champ. Reedsville, a rural community of 729 people with a total school population of 87, proved the size of a city or school is no drawback in basketball.

Its conquest of Eau Claire, 48-38, was the most popular victory ever recorded in the finals. It also furnished a fitting revenge for the defeat of Lena, another small school, in the finals last year.

The remarkable showing of Reedsville was the story of the tournament. All three of its victories were won the hard way. Racine was licked, 30-24, after being ahead 19-14 at the half. Wisconsin Rapids had to be beaten in an overtime.

Reedsville trailed but once in the final—early in the first quarter. But Eau Claire went down fighting, after knotting the score at 39-all with three minutes to go.

It was here that class told. While holding Eau Claire scoreless, the new

(Continued on page 18)



# "LIGHTS ON" says Larry MacPhail



"New G-E engineered installation to make Yankee Stadium best lighted ball park in U.S.," says pioneer in night baseball, now President, N.Y. Yankees

Installation of new type floodlights developed by General Electric will pave the way for the "brightest" night baseball ever played. Six roof frames will support 1245 Type L-69 floodlights (approximately 2200 kw) to provide uniform 200 foot-candle illumination over the entire 3 1/4 acre playing field—a level nearly twice as bright as any other major league park.



Larry MacPhail inspects new Yankee Stadium floodlight

## You get all these ADVANTAGES In the new G-E Type L-69 Floodlight

Rifle sight aiming, for spotting center of beam, insures accuracy, permits setting in daytime

Impact-resisting, spun-in cover glass seals out moisture, dirt and insects

Approximately 10% greater beam efficiency compared to former types

Saves time in installation and servicing, requires less cleaning

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More light for the operating dollar

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Here's real news for everyone interested in after-dark sports — for the new G-E Type L-69 floodlight, to be used initially for this outstanding installation, will be just as effective when used for smaller baseball fields, football fields, and any other sports areas.

The new floodlight introduces many new features that will improve lighting efficiency and reduce your lighting costs. The complete socket housing is removable from the rear for easy servicing and lamp replacement, eliminating the need for disturbing the reflector setting in normal maintenance. The impact-resisting glass cover is spun-in for tight-sealed protection against weather, dirt and insects. Rifle sights assure quick, accurate aiming of the beam

and allow final adjustments during daytime.

G-E Type L-69 floodlights are designed for lamps of 750 to 1500 watts. Two reflector finishes provide either medium or wide beams to obtain uniform illumination of areas of any size or shape.

If you are considering a floodlighting installation for your sports and recreation program, we suggest that you get in touch with your nearest G-E sports lighting specialist before you make your plans. He has complete data on lighting plans, layouts, methods of mounting and wiring, and recommended servicing practice for your use and guidance. Or you may wish to write for our Bulletin GEA-4590, Apparatus Dept., General Electric Co., Schenectady 5, N. Y.

# GENERAL ELECTRIC

451-95-3200



champs came roaring through with nine points.

Reedsville, coached by principal John Gable, showed a finely coordinated unit with a remarkably effective player in center Ed Shimon. Shimon dunked 24 points in the final, did a great job on the defensive rebounds, and brilliantly fed his teammates.

The tourney brought together the eight sectional winners, survivors of 32 district, 16 regional and 8 sectional events. Wisconsin provides district competition for schools with enrollments 200 and less. These schools meet in 16 play-off games, with the winners entering the 8 sectional affairs.

Schools of more than 200 hook up in the 16 regional tests, with the winners also competing in the sectionals.

Except for the first round, there is no class differentiation. The elimination of class or size-consciousness has produced a greatly improved brand of ball, especially among the smaller schools.

—P. F. NEVERMAN

## Florida

### Miami monopolizes finals

**S**OUTHEAST basketball completely dominated the state finals this year. In the Class A division, three of the four semi-finalists were Miami teams, with an all-Miami wind-up for the first time in history.

On the basis of season records, the A coaches voted to seed the teams as follows: First, Miami High; second, Miami Beach; third, Pensacola; and fourth, Hillsboro of Tampa. Miami Edison was generally considered the "dark horse."

In the first two rounds, Bolles Military Academy of Jacksonville, using a great fast-break from a 1-2-2 zone defense, defeated Jefferson, 36-34, and Hillsboro, 25-21.

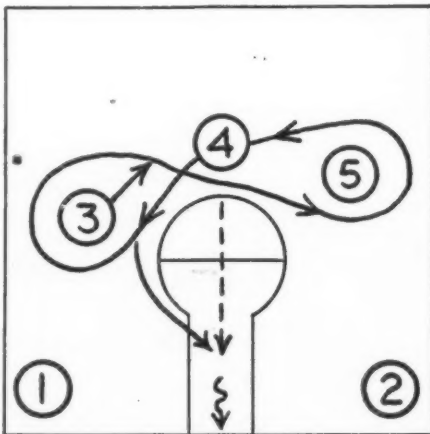
Miami Beach and Miami High advanced as expected, with M.B. taking Daytona Beach, 48-33, and Panama City, 37-32, while M.H. knocked off Jackson of Jacksonville, 50-35, and Plant, 39-33.

Miami Edison upset favored Pensacola in a thrilling quarter-final game, 29-22. The Edison, thanks to Coach

Clinton's astute strategy, built a fence around 6-8 Fred Haushalter so that Pensacola seldom got the ball in to him.

The semis pitted Miami High against Miami Edison and Miami Beach against Bolles. Edison took an early eight-point lead, but Miami High slowly whittled away at it until at the last official time-out, the score was tied. Edison rallied, found the range and pulled the game out of the fire, 28-26.

Miami Beach worked very nicely around Bolles' zone defense for set shots. Burt Stone and Herb Rich (Beach all-state forwards) kept hitting from long range while Fred Teshler followed up strongly. Beach won, 38-28, and the stage was set for the all-Miami final.



The Edison-Beach game pitted two arch-rivals featuring opposite schools of basketball. Edison relied on a man-to-man defense and a possession-type slow offense. Beach played a shifting 3-2, 2-1-2, and 2-3 zone defense, from which they always looked for fast-break opportunities.

Beach rolled up a substantial 15-5 lead in the first quarter, and left the floor at the intermission, leading 26-13. The accompanying play was used very effectively in conjunction with the basic fast break.

Players 3, 4 and 5 would figure-eight until the guards bumped; then the free man would break fast, receive a lob pass and dribble in for the crip.

In the second quarter, the guards on 1 and 2 floated to the middle and stopped the shots. This, of course, left 1 and 2 open for reasonably close side shots.

Edison used a semi-circle pattern to break the Beach zone. They succeeded in canning some nice side shots, but were unable to sink enough of them to win. A gallant last-quarter rally fell short, and Beach won, 36-30.

In the Class B tournament, Fort Lauderdale beat Jesuit of Tampa, 43-40; while in Class C, Pompano nosed out Hilliard, 31-29. Miami Gesu and Miami St. Mary's captured the Catholic school crowns. Thus, Southeast Florida made a clean sweep of the basketball championships.

—LEO L. BOLES

## Kentucky

### Sonny shines

**B**RECKINRIDGE Training High of Morehead came to Louisville the odds-on favorite to win the state title, and, sure enough, upheld the doubting Dawson Springs in the finals, 68-36.

The first five men on Coach Bob Laughlin's team were seniors who had been playing together since the seventh grade. They were aggressive, clean and in tip-top shape for their fast-break style of offense.

Key man was Sonny Allen, an all-state star if there ever was one. Big enough at six feet, fast for a big man, he spearheaded the drive into scoring territory, continually deceiving the opposing guards with his smart passing.

On several occasions, while dribbling at full speed, he amazed the crowd with back-hand passes that carried almost half the floor squarely into the hands of teammates open near the hoop.

Breckinridge was powerful enough to control both the offensive and defensive boards throughout the tournament, and broke fast whenever possible—after jump balls, interceptions and defensive rebounds.

Several times they were able to trade baskets with opponents by

(Continued on page 20)



Miami Beach, pride of the Alligator country.



Kentucky's supercharged champ, Breckinridge.

# GOOD FIELDING



## NOKONA

Trade Mark Registered

You'll find, as have many other leading purchasers of athletic leather goods, that today's NOKONA quality is a rare catch. Only the very choicest of leathers go into NOKONA construction; the workmanship is that of the most skilled leather-craftsmen; the designs are the happy result of years of painstaking study, experimentation and close cooperation with top-flight coaches, managers and players. Yes, we know you, too, will like "playing ball" with NOKONA!

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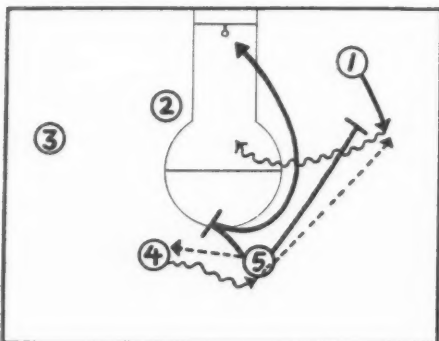


**Newton High, Kansas' nine-time winner.**

jumping out of bounds after being scored against and throwing a long pass to a forward who had already moved down the floor behind the defense.

Whenever the fast break was impractical, Breck went into a series of inside screens which ended in a set shot or a drive under the basket.

Dawson Springs, the runner-up, never passed unnecessarily, and shot whenever they had an opportunity. They seldom lost the ball without getting off a shot.



**Breck's set offense:** No. 5 passes to 3 and sets up an inside screen. The receiver dribbles around the screen, continues to the basket or whips the ball to 1. No. 4 then screens for 1, who dribbles around him to the hoop.

They did not worry about defense, preferring to concentrate upon scoring. In their first three tourney games, they tallied 167 points—an average of 56 a game.

The Kentucky tourney is a 16-team affair that is started the first week of March with a series of elimination tournaments in each of the state's 64 districts. The district winners meet the following week in 16 regional tournaments. The regional victors graduate to the state finals.

There is no classification of schools. Pairings are made by luck of the draw. Oddly enough, the state meet is not dominated by the larger schools. Examination of state-tourney records reveals the smaller schools have won more often than the larger institutions!

—WILMS KIEFER

## Kansas

### Nine-time winner

**T**HREE new state champions were crowned in the 35th annual championships played before record breaking crowds.

Newton claimed its ninth AA state title by virtue of a thrill-packed 31-30 overtime win over McPherson. Hoisington broke into the king row of the A bracket for the first time, by beating Wamego, while Pretty Prairie returned to the top of the B division after a 10-year lapse by a 33-30 squeak over Nickerson.

Champions of the strong Ark Valley League, Coach John Ravenscroft's Newton quintet breezed past Pittsburg, 44-16, in the opening round of the AA tournament and defeated Emporia, 43-28, in a quarter-final test. Emporia had engineered one of two major first round upsets by surprising Wyandotte of Kansas City, four-time state winner, 28-27. The tall Railroader aggregation reached the last bracket by turning back a Wellington challenge, 40-34.

In the meantime, McPherson's Bull Pups, high-scoring champions of the Central Kansas League, were experiencing more trouble ousting Chanute, co-winner of the Southeast Kansas League, 43-40, but romped over Ottawa, 53-32, after the latter had authored the second surprise with a 46-40 triumph over Winfield, seven-time state champion. A 53-48 conquest of Columbus qualified Jack Randle's hustling McPherson entry for the finals.

The championship battle saw McPherson gain a 4-2 lead during a cautious first quarter and remain on top, 10-9, at halftime. The Central Kansas champs protected a 19-17 margin after three periods and were four points ahead with three minutes to go before Newton staged its spurt. The Railroaders evened the count at 28-28 in the closing minute of the regular time and needed a free throw in the final five seconds of the overtime to edge out their rivals.

Coach Don Zeigler's Hoisington



**Back home in Indiana, it's Anderson.**

powerhouse averaged 50 points plus in each of its four Class A starts. Opening with a 53-41 win over Oberlin, the champions chalked up their second decision at the expense of Herington, 49-36.

In top scoring form, Hoisington rolled up 62 points in a 62-37 semifinal conquest of Pratt. Wamego boasted a three-point halftime lead in the finals, 21-18, and was still a point ahead, 31-30, at the start of the final quarter. The runners-up, champions of the Jayhawk League, were undefeated until the title game, defeating Garden City, 42-24; Smith Center, 53-44; and Sacred Heart, 38-32, to qualify for the feature encounter.

Three of the four teams to qualify for the semi-finals of the Class B tourney were Reno county entries. Courtland, the fourth quintet in the next to last bracket, finished in third place. Pretty Prairie, champion of the perennially strong Mid-Kansas League, had its closest call in the opening round of the regional tournaments when it was forced to the limit to turn back Rose Hill. 28-26.

In State tournament play, Pretty Prairie downed Howard, 49-31; Page City, 47-27; and Buhler, 35-29, before using Nickerson as a stepping stone to the title. Coach George Norton directed the team to its second state award.

—E. A. THOMAS

## Indiana

## 19 records fall

**B**EFORE the 15,000 fans fortunate to purchase the coveted tickets to see Anderson, Flora, Central of Evansville and Central of Fort Wayne, hooked up in the finals of the state tourney.

In the initial contest of the afternoon session, Anderson defeated Evansville, 39-36, to become the first school in state history to enter the title game six times. In the free scoring second game, Fort Wayne

(Continued on page 38)



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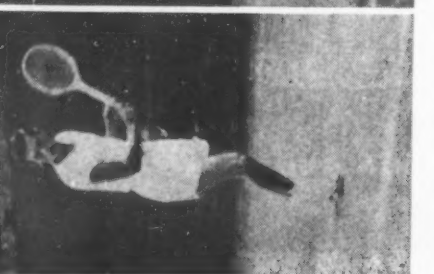
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SINCE 1875 — LEADING THE WAY IN SPORTS AND PLAY

# THE BACKHAND DRIVE SIMPLIFIED

Tennis, Lesson No. 2 for Boys and Girls\*



ONE of the most important points to remember in tennis is to keep the eyes constantly on the ball while it is in play. If you take your eyes off the ball, you will probably not be able to hit it in the center of the racket at exactly the right moment. Chances are the ball will fly off at a tangent.

You can prove the importance of watching the ball with a simple experiment. Toss the ball up and let it bounce. As it bounces, look away from the ball and try to hit it accurately. Tough, eh? Now try the experiment with your eyes on the ball. Isn't that better?

If you will examine the racket of an expert player, you will usually find a circular spot, about three inches in diameter, in the center of the strings. This proves the player has hit the ball many times in the center of his racket.

So remember—do not watch the opponent, do not watch the position of your feet or the swing of the racket when playing. Keep the eyes glued on the ball throughout the rally; and after the ball has left the opponent's racket, focus your eyes on the approaching ball so that you see it clearly and can tell where and when it will bounce.

Never take your eyes off the ball while it is in play.

The grip for the backhand is slightly different from the forehand grip because the swing is different. In the forehand drive, you swing the racket to the right of your body; but in the backhand, you draw the right arm across the body to your left and then across the body to the right.

Unless you shift the grip for the backhand, your wrist may not be strong enough to make a hard, accurate, backhand drive because:—

## Frank Parker

America's No. 1 player making an easy, low backhand drive. He crosses his right foot over nicely and helps bring his racket back with his left hand. He carries the racket as far back as he comfortably can over his left shoulder, bending the elbow and relaxing the knees.

As the racket comes forward, the left hand is removed and the right arm is straightened. The ball is met with a free, full swing about ten inches in front of the right hip. The elbow is away from the body and the weight flows from the left to the right foot.

In holding the racket for the forehand drive, the palm of the right hand is behind the handle, resting against the handle's wide side. Thus, the palm of the hand braces the racket against the impact of the ball, and the racket does not slip upon contact.

Unless you shift the grip for the backhand, your racket will have no brace to reinforce it when it hits the ball. And unless you have an unusually strong wrist, the racket may, therefore, bend back at contact.

So, to make the backhand drive, shift your grip slightly to strengthen it. This shift is not as hard as it seems at first, and soon becomes automatic.

This is how you shift your grip from forehand drive to backhand drive:—

1. Pick up your racket with the "Eastern" forehand grip, "shaking hands" with the handle.

2. Shift the hand not more than one-quarter turn to the left, toward the body, so that the palm of the hand is on top of the handle, over its narrow side.

The knuckles of your hand will now point upwards toward the ceiling. The palm of the hand will be at a right angle to the racket face and parallel with the ground. The racket frame will be at a right angle to the ground.

3. Place the thumb straight along the handle, pointing toward the strings, almost parallel with the handle.

Not all the experts place their thumb straight along the handle. Many of them place the thumb diagonally across the handle. But it is better for young players to place the thumb straight along the handle in order to brace the racket when it hits the ball.

Unless you have a strong wrist, it is better to reinforce the wrist by placing the thumb straight along the handle. Then the handle of the racket is less likely to slip at contact, and you can hit the ball more accurately.

4. Hold the racket at the end of the handle. The ball of your hand—that is, the fleshy part of the palm

\*Condensed from *Tennis Lessons for Boys and Girls*, a 23-page pamphlet issued by the U. S. Lawn Tennis Assn. containing the fundamentals of the forehand and backhand drives, serve and volley. Copies may be obtained for 10¢ by writing to the U. S. Lawn Tennis Assn. at 120 Broadway, New York 5, N. Y.



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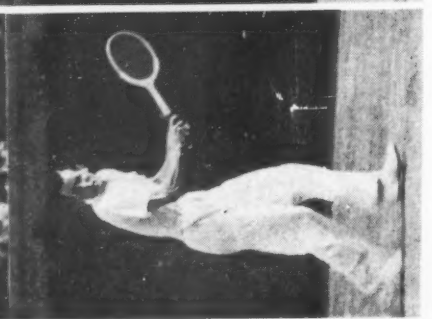
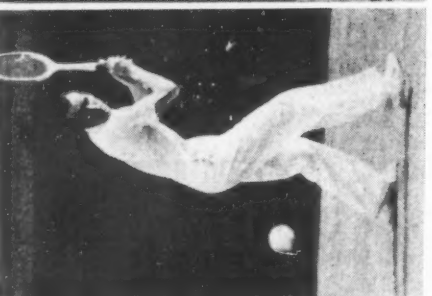
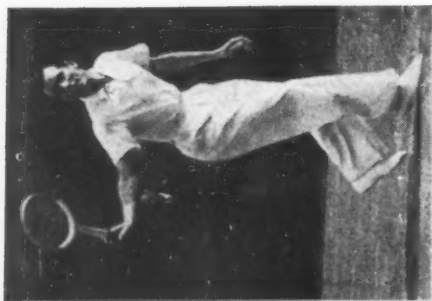
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farthest from the thumb — should touch the leather ferrule at the end of the handle. If you hold the racket half way up its handle, your reach will be shortened and your drive will lack power.

5. As you start the swing, hold the racket firmly and continue this tight grip until after the hit. Between strokes, relax your grip so that the hand will not become tired from a constant firm grip.

6. When you meet the ball, hit it with the face of the racket opposite to that used in the forehand drive.

**Stance.** Face the net until you see the ball is coming to your backhand. As the ball approaches, turn your body to the left, facing your left sideline.

To do this, step forward toward the approaching ball with the right foot, pointing the foot diagonally toward your left sideline. The left foot will turn to the left to point toward the left sideline.

The right shoulder will now point toward the net, the left shoulder will point toward your baseline, and the body will face your sideline.

Your weight is forward on the right foot.

Keep the heels off the ground while the ball is in play. Don't stand flat-footed.

Bend the knees slightly. Don't stand upright.

As you draw the racket back, shift the weight from your right foot back to your left foot. Then when you swing the racket forward shift the weight from your left foot forward to your right foot.

**Backswing.** To make a good backhand drive, a long swing is necessary to generate speed. The farther back you draw the racket, the longer your forward swing will be, and thus the faster the racket will be moving when it hits the ball.

As the ball approaches, you are facing your left sideline. Draw the

racket back as far as you can comfortably. Bend the arm back at the elbow, and carry the racket back above the left shoulder until the frame is behind your head.

You can draw the racket farther back by pivoting the body and shoulders to the left. Pivot the body until your back is half turned to the net and you are looking over the right shoulder as you watch the approaching ball.

As you draw your racket back shift the weight from your right foot to your left foot.

Now you are ready to make a long, free, forward swing.

**Forward swing.** At the end of the backswing, when you have drawn the racket as far back as you comfortably can, start to swing the racket forward. At the same time, start to pivot the body and shoulders to the right. By pivoting your body to the right, you add speed and power to the swing.

As you swing the racket forward, gradually shift the weight from your left foot to your right foot, leaning forward.

As the racket swings forward, unbend the elbow and straighten out the arm, until, at contact, your arm is fully extended out to your left. If the elbow is close to the body when you meet the ball, your stroke will be cramped and will lack power.

Just before contact, turn the wrist very slightly to the right, so that the top edge of the racket frame will incline about an inch toward the net. This is one way to put a little top-spin on the ball. Top-spin makes the ball drop faster after crossing the net, thus helping you keep the ball in court.

The racket should meet the ball sooner than in the forehand drive—ten or twelve inches in front of your right hip. This is most important. If you wait until the ball reaches your belt buckle (as you may in the forehand drive), you will have great difficulty controlling the direction of the ball.

As the racket hits the ball, the full weight should be on the right foot and the right knee should be slightly bent.

**Follow-through.** After contact, let the racket follow through far to the right of the body. Do not attempt to check the swing of the racket or the forward motion of the body after the ball has left the racket. Let the momentum of the racket spend itself.

If your body is bent far forward, step forward with your left foot to retain balance.

At the end of the follow-through you should be facing the net again.

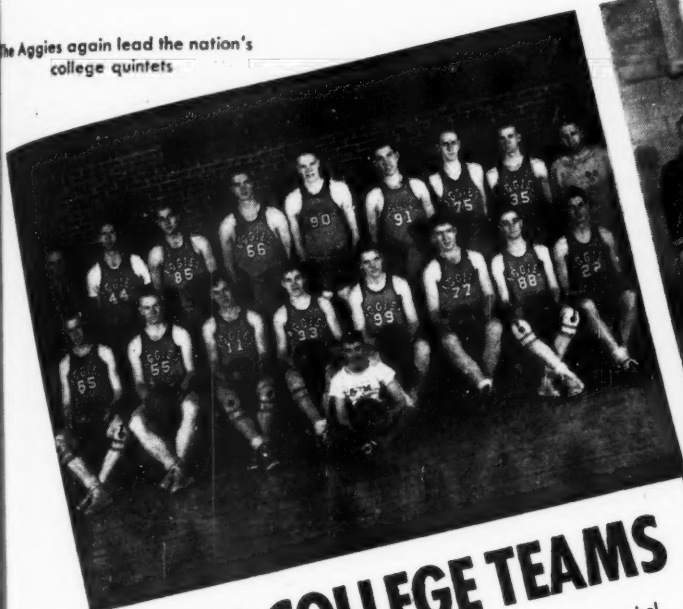
## Fred Perry

The former world's champion is making much the same shot as Parker on page 22, but is putting a little more into it. On the backswing, he holds his hands closer together than Parker. He goes down to meet the ball in the best accepted standards of form, and meets it with a free, full swing which carries his racket to the right of his body. Like Parker, Perry, to retain his balance, steps forward with his left foot.

Note the fully extended right arm and the eyes trained directly on the ball. The right foot is planted firmly for the hit, which is effected in front of the right hip.

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# EMOTIONAL PROBLEMS IN ATHLETICS

By John G. Freudenberger

The psychiatric implications of: fear, worry, pessimism, depression, superstition, and sex

John G. Freudenberger, athletic director at Towson, Md., High School, proves the "Freud" in his name is no misnomer in this unusual article on emotional problems in athletics.

**H**OW many times do you, as a coach, think of your boys' emotional problems? Or don't you believe this is a vital aspect of coaching?

As a rule, we don't like to think about emotions. Yet they exist. Some are beneficial; others are detrimental. The manner in which we harness them influences, to a great degree, the success of our teams.

Some psychiatrists claim there are five basic human fears: insecurity, illness, sex, loneliness, old age.

The average coach probably doesn't analyze his boys' emotional problems in just that way. He thinks of them in what might be termed "a more pragmatic" manner.

Let's consider some of the emotional problems of our teen-age athletes. Here at Towson we have found the following to be the most common and troublesome problems:

1. Fear—including fear of illness, insecurity, personal injury, and inadequacy.
2. Worry—closely allied to fear and often stemming from it.
3. Pessimism.
4. Depression.
5. Superstition.
6. Sex.

We have been able to keep most of these problems under control. By "keeping under control," we mean just that. There are no trained psychiatrists in our schools to whom we can refer cases deemed either "non-remedial" or "non-cooperative."

Most problems are referred to the athletic director for final decision; and he, in turn, may refer them to the principal. Fortunately, we haven't had many of such cases. Thus, the harmony and performance of our teams have not been seriously affected.

## Fear

Fear takes many forms and may be distorted beyond recognition to anyone but a trained psychiatrist. However, there are certain specific fears that every coach encounters.

**Fear of inadequacy:** Most coaches

try to bring out the best in their players and encourage the boys to give their utmost in every game.

Some players feel that their best is not good enough for the job ahead. They need reassurance, and it must come with rapidity and with convincing thoroughness.

**Imminence of pain:** In games such as football and lacrosse, injuries are common and often painful. Pulled tendons, severely strained muscles, and broken bones, hurt. In baseball, "strawberries" and "beanings" set the stage for a fear reaction.

It is difficult to eliminate this fear. In some cases, it is impossible to alleviate it to any degree. Many boys with fine physiques and even temperaments have been dropped because of it. In the heat of competition, however, most boys lose this fear.

## Practical solution

The only practical solution lies in proper equipment and training. Football players who know their coach has equipped them to the best of his ability and conditioned them thoroughly are less susceptible to this fear. Those in whom the fear of injury still persists, will be of little value to any team.

**Fear of the future:** This is really an expression of insecurity. It is most prominent before the "big" games. Players may share this fear with each other, or attempt to hide it under expressions of bravado. They may exhibit contempt for their traditional rivals. In any event, the situation requires firmness and honesty.

Does the other line outweigh ours by 10 pounds? Then, we must try to compensate for it with more speed and drive. Does our opponents' "star" run beautifully in a broken field? Then, our problem is to set our defense so he can't break clear. He must be "boxed."

To every pre-game fear, there is a solution. The coach must honestly appraise the situation, and consider the opposition with his players. Together they should work out something constructive to eliminate the possibility of fear.

Action, in practice, with definite objectives in mind, will do much to eliminate these fears. Problems in which fear is a dominant factor

cannot be ignored. They must be met with positive (often collective) action.

## Worry

**Worry** seems to stem from fear. Generally, when the fear is dispelled, the worry disappears. Most coaches concentrate on preventing or banishing fear, and thus, are not faced with many worries.

However, there are puzzling cases of worry in which no fear is apparent. Baseball pitchers sit around locker rooms before facing teams they have beaten several times, and worry about their ability to repeat the performance. While some "worry" to attract attention, many cases are genuine.

As in the case of its parent, fear, this mental hazard is best relieved by action. The guard who knows his specific job on a given play is to keep the opposing tackle out of his backfield, has little time for worry once signals are called.

In certain cases, private chats may solve the problem. Getting a worried player off in a secluded corner, or in the coach's office, may provide the "open sesame" to the ultimate solution.

## Good counsel

Sometimes coaches fail to urge their boys to confide in them. Sometimes poor home conditions cause mental distress. Talking it over with a sympathetic friend, who is in a position to give good counsel and, perhaps, material assistance, may lead to a happy solution.

Another dangerous by-product of fear and worry is the loss of ability to relax. The "star" who is "cool as a cucumber" is a perfect example of habitual relaxation. Whatever fears or worries he may have, are controlled and overcome.

He is never tense. This lack of tenseness is incomprehensible to the average person who lacks the natural ability to banish worry at will.

Coaches are too well acquainted with methods of promoting relaxation to warrant any further discussion here. It is important, however, to remember that the time spent on promoting relaxation can be reduced by paying more attention to the prevention of fear and worry.

(Continued on page 28)

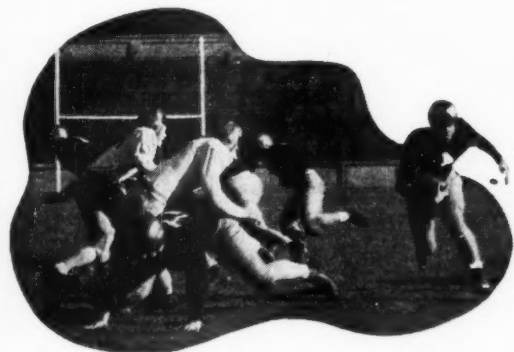


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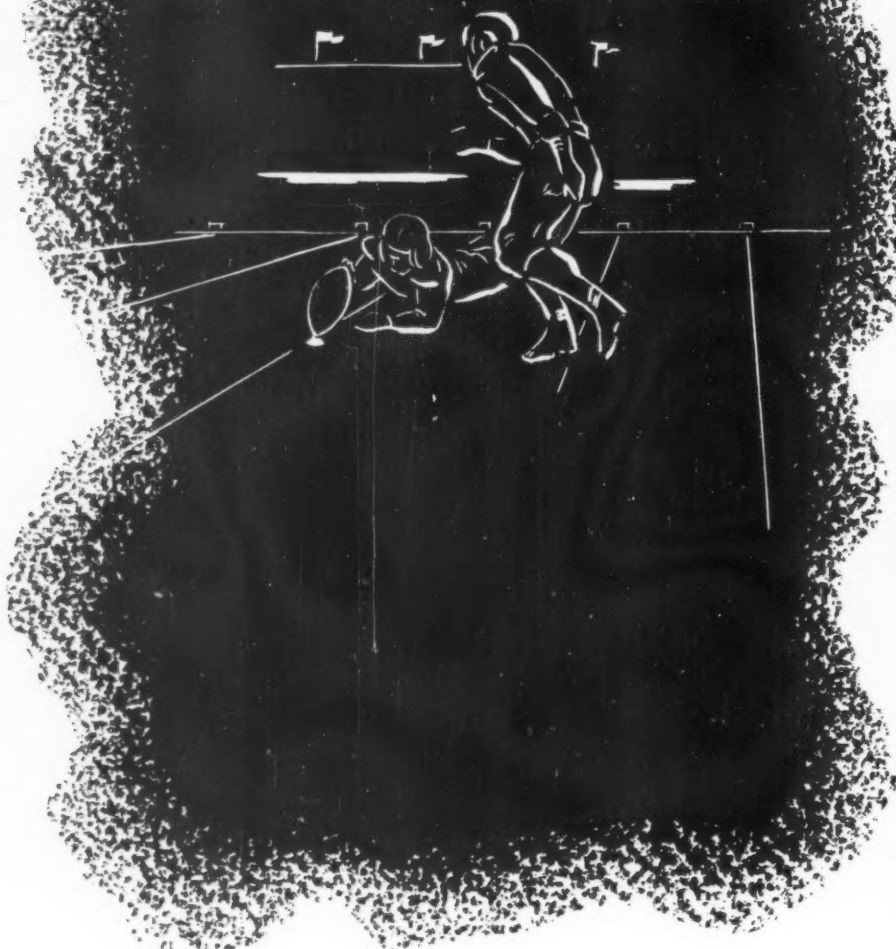
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### Pessimism

Pessimism often accompanies an upset liver or poor digestion. It may result from the environment in which a player lives. He may absorb it from his coach, or from some disgruntled, pessimistic player. Lowered vitality generally evokes a dark mental outlook.

This is intimately connected with the problem of morale. When morale is low, pessimism has its day. It may happen to any team. It is not difficult to spot. When your boys feel they can't beat even the tail-enders, they have it.

Lack of pep, lackadaisical practice, and delayed responses signal the presence of pessimism. That "just - before - the - game" huddle seems like a post-mortem. What to do?

First, let's find the cause. Is a specific player the root? One player can do it, you know. If such is the case, the cure is obvious—liquidate the fifth column.

How's the schedule? Are there too many "big" games? Next year, schedule a few "breathers."

When it's a case of personal problems the private-chat method seems most advisable. If you can't alleviate the condition, don't hesitate to call in the athletic director or principal.

Some beginning coaches feel this is a sign of inadequacy on their part. Actually, it's a sign of good administration. The athletic director and principal are selected because of their ability in this respect, and will be glad to do their part.

In general, the well-coached team which has been trained to the limit of its capacities can avoid pessimism. Wise scheduling, good training and locker room conditions, and fair treatment of all players and substitutes tend to prevent it.

### Depression

Depression is closely akin to pessimism. Injury with its resulting inactivity may pave the way for this emotion. The basketball player whose severe leg injury sidelines him for several weeks, is particularly susceptible to a feeling of depression. Unfortunately, like measles, it is contagious.

At such times, the services of a good trainer are invaluable. It is his task to help the injured athlete return to good physical condition as rapidly as possible. He must be more than a masseur, therapist or diagnostician.

While he helps mend the injury or



disability he must keep the boy's mind free from doubt or depression. The trend in recent years has been towards active therapy. Trainers now permit the injured to take as much exercise as possible without aggravating the injury.

Modern methods and equipment hasten recovery and reentry into competition. With a little extra effort, care and patience, the spectre of depression among the injured may be banished.

Unfortunately, depression may also strike those in good condition. Baseball players seem prone to depression. A hard-hitting outfielder may suddenly drop into a slump. He can't get a safe hit. He's meeting the ball, but it always seems to go into an opposing player's hands. After several 0-for-4 afternoons, it becomes a serious matter.

We often have to "bench" a slumping hitter and keep him there for a few games. Generally we prescribe "work, work, and more work" for these boys. This also holds true for entire teams. It is well to remember that relaxation can also be valuable at times.

Occasionally, the over-zealous coach may over-train his boys. The only cure is a vacation for all. Over-trained players are tense, depressed and "stale."

### Superstition

In days of old, people used to knock on trees to call on the wood sprites. Today, players still knock on wood, walk in certain paths, wear dirty uniforms, and do other equally superstitious things.

Has there ever been a team without some form of superstition? These superstitions are natural offshoots of associations.

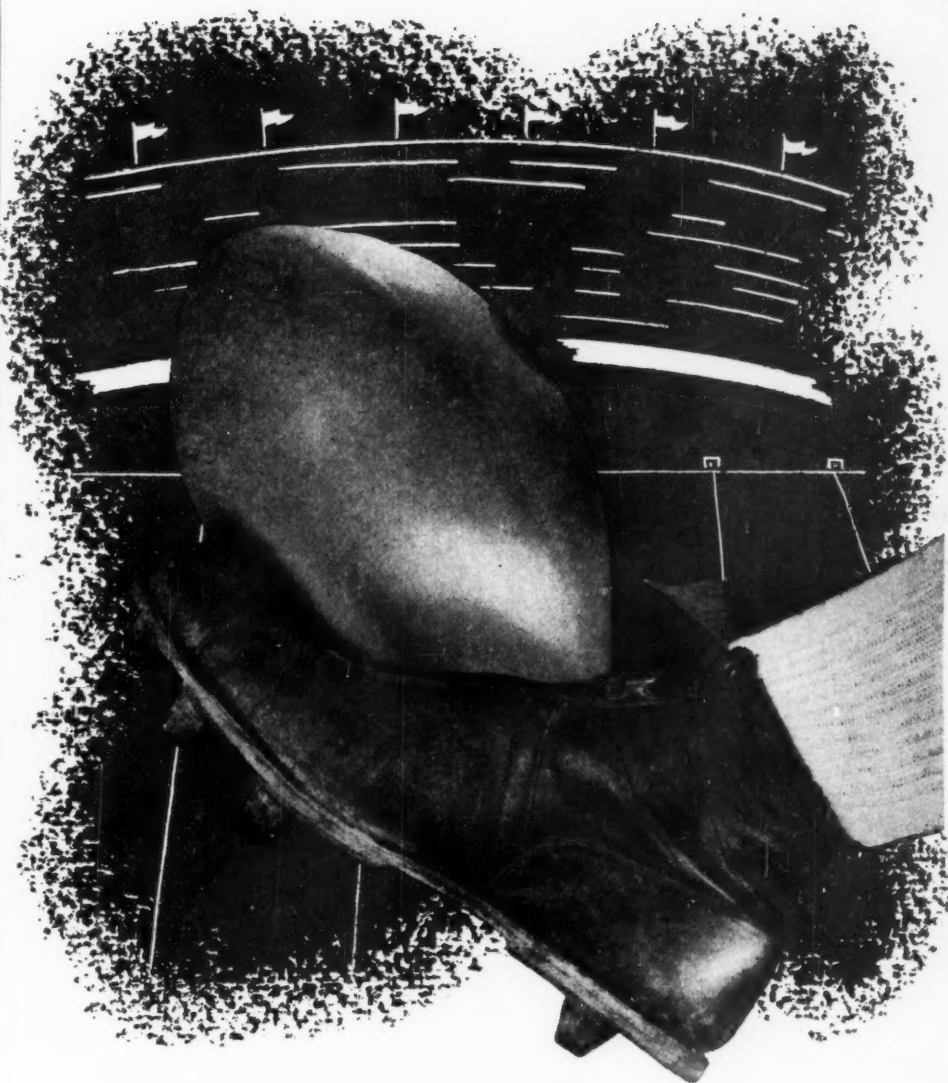
Bill McCormick scores 15 points in a basketball game in which he wears "No. 7." So forever after, he insists on "7" as his shirt.

Wearing his new uniform on opening day, the rookie third baseman (whom you never expected to bat over .250) goes three-for-three. From then on, he refuses to wash the uniform regardless of its filth.

What shall we do about it? How can these superstitions be overcome?

First, let's not do anything. Let's wait and see. Sometimes, the boys play better because of the superstition. If their uniforms get dirty enough, public (or team) pressure will enforce cleanliness. Let Bill have his "No. 7" if he wants it. He's

(Concluded on page 42)



## SEAMLESS

## "KANTLEEK" BLADDERS

Kicking, pounding, falling . . . 22 active men give a football plenty of punishment in 60 minutes. The ball with a Kantleek bladder can take it! Because it is molded of rubber, pressure vulcanized for toughness, a Kantleek bladder holds air without leakage—withstands great and sudden pressure. Shaped to conform perfectly to the ball, Kantleek gives balanced performance—a feature that makes for a better game. Kantleek bladders—with the patented Kantleek all-rubber valve—are used in all better makes of inflated balls.

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The **SEAMLESS** **SR** **RUBBER** Company

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FINEST QUALITY SINCE 1877





**D**URING the past war, nearly 15,000,000 men and women, aged from 16 to over 50, the great majority from sedentary occupations and in relatively poor physical condition, were put through a rigorous and prolonged training routine fully equivalent to the most severe conditioning program of a football squad.

The hospital clinics and wards connected with the training camps resembled training quarters, with injuries and ailments quite similar to those commonly encountered in athletics, but on a glorified and vast scale.

What did this immense experience teach us, particularly in the scientific training of the human body to achieve the highest possible degree of health, strength, endurance, and the ability to withstand the most gruelling strain? Many things indeed.

If there was anything in the contention that strenuous exercise can damage a normal heart, this was the place to prove it. In the four military camps in which I served, where tens of thousands of inductees were whipped into fighting trim, there was not a single recorded instance of acute strain of a normal heart.

The most exhaustive search of the military medical literature of the past four years disclosed but a single case of acute heart strain (following mountain climbing), with no apparent background of existing debility of the heart. Surely no more convincing evidence is needed to bury for all time the ancient bugaboo of "Athlete's heart" and "Burned-out Boyhood."

Overexertion may lead to tran-

sient collapse or exhaustion, but never in my 30 years of intimate contact with competitive athletics has it caused organic damage to a normal heart.

Dr. H. L. Smith of the Mayo Clinic is one of many cardiologists who assures us that "The normal heart is no more likely to be injured by strenuous exercise than is any other organ or muscle of the body."

Acute dilatation of the heart does occur in athletics, in industry, on the street corner, in fact in any activity in life. Since one cannot damage or strain a normal heart, it follows that where dilatation does occur, the heart structure must have been weakened by disease such as rheumatism, tonsilitis, influenza, etc.

### Reconditioning needed

Youngsters or men who have just pulled through a debilitating ailment should not be permitted to resume intensive competition until they have been carefully examined by a physician and have been intelligently and progressively reconditioned.

The least signs of respiratory distress, such as "short wind" or an unusually rapid pulse, should be taken as a warning of danger. Strain under such circumstances may net most serious consequences.

Another scarecrow thoroughly shattered by our vast experience in training service men, is that "no youth under 19 years of age should be permitted to participate in football or basketball." It is not the chronological age, but rather the degree of physiological maturity

### By DR. S. E. BILIK

Dr. S. E. Bilik, one of the greatest authorities on training in the history of sports, is author of "The New Trainer's Bible," the bible of the profession, which is already in its umphity-eighth edition.

that determines the fitness for strenuous sports.

Some boys are fully matured at 16; others are still immature at 20. Maturity implies ruggedness, ability of the heart, the muscles, the ligaments, the joints and the bones to withstand the most exacting strain and punishment.

During the war years our 16- and 17-year olds formed the bulk of our athletic squads and acquitted themselves with glory. Nothing untoward followed the use of these babes in the woods. There was no increase of injuries and an actual decrease of fatalities.

All branches of our services, particularly the combat divisions, eagerly welcomed the vigorous youngsters as best able to stand the gruelling strain, both physical and mental, of modern warfare.

Training injuries were frequent and appeared to hit young and old alike. "Shin splints" was a rather common disability, the characteristic dull ache along the shin bone, appearing with more or less severity after prolonged hikes, especially in full pack and on macadam roads.

The severity and duration of "shin splints" are proportionate to the extent of the initial strain. The best way to avoid this very disabling complaint is to quit running with the first appearance of the dull ache along the shin bone, and to soak the legs promptly in hot water. It is the old stitch in time.

At the beginning of the training season, the squad should be carefully instructed on how to avoid the common disabilities peculiar to their specific sport. Trackmen should be given as careful instruction on "shin splints" as on "pulled tendons." The boy who persists in running despite the dull ache is inviting a prolonged and painful disability.

The routine of runners should be graduated to prepare the soft tissues of the legs for the prolonged strain. In a small number of cases, "shin splints" may be due to a weakening of the arch or arches of the feet. In such cases, the treatment indicated is quite apparent.

Despite its powerful construction, the knee joint is most susceptible to injuries. The explanation lies in the very nature of our major sports.

(Continued on page 34)



#### TRY IT IN ACTION!

Put on a new TRUMP with the V-FRONT construction.\* Place the waistband low on the abdomen. Pencil-mark its position and then do a few bends and twists. The V-FRONT will move less than  $\frac{1}{4}$  inch compared to a 2 to 3 inch slippage with any straight-front supporter. Note, too, there is no extra pouch cloth working back to chafe. Yes, Coach, we've got real improvements here!

#### NEW JOHNSON & JOHNSON V-FRONT CONSTRUCTION\* INSURES GREATER COMFORT AND PROTECTION

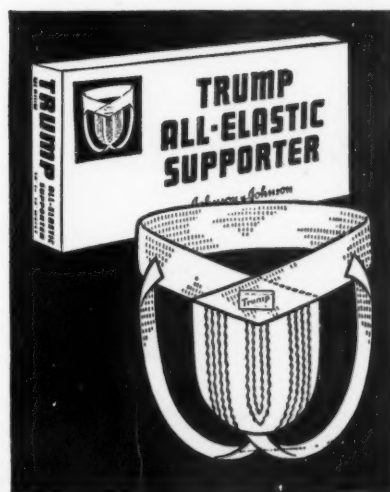
Every part of these new Johnson & Johnson athletic supporters has been redesigned to eliminate slipping, sagging and chafing. The V-FRONT, all-elastic waistband follows body contours—fits comfortably and *stays put*. The pouch, too, has been “balanced”

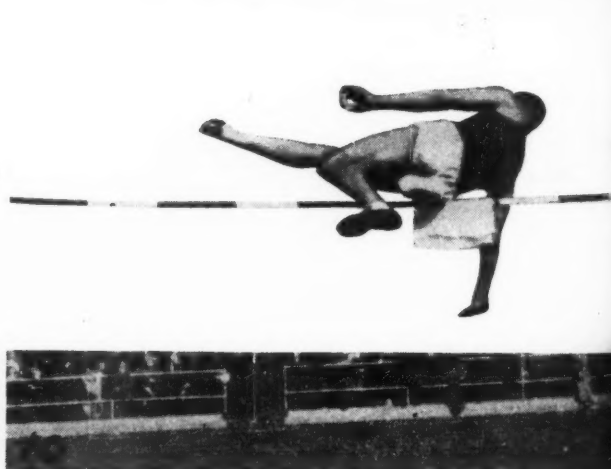
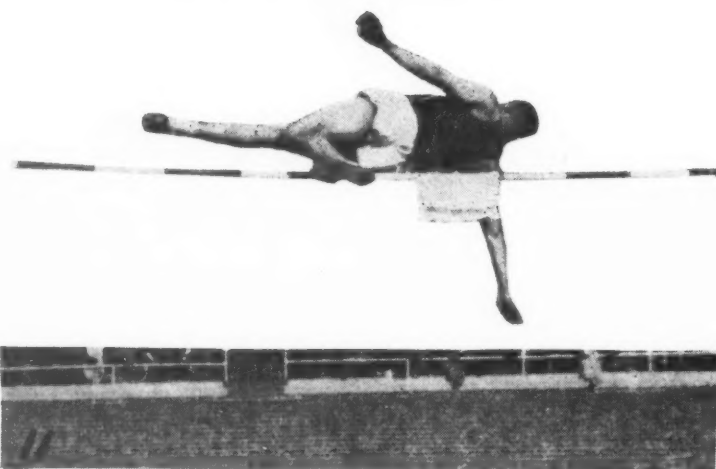
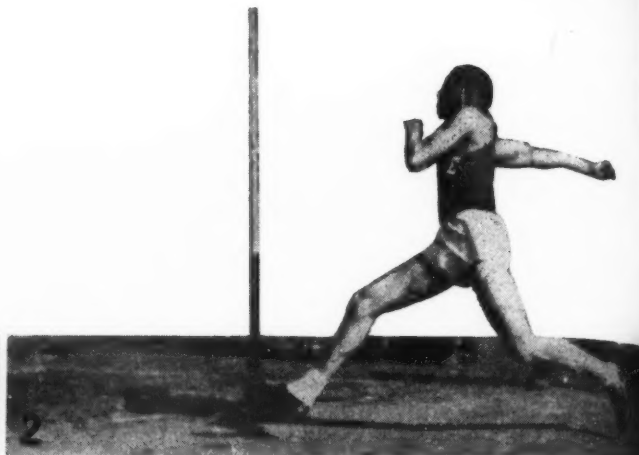
with the new waistband design to give good, firm support without binding. These improvements spell c-o-m-f-o-r-t for every boy on every team you coach!

(Note—The Armed Forces still come first, but we're doing our best.)

\*Patent Pending

**Johnson & Johnson**  
NEW BRUNSWICK, N. J. CHICAGO, ILL.



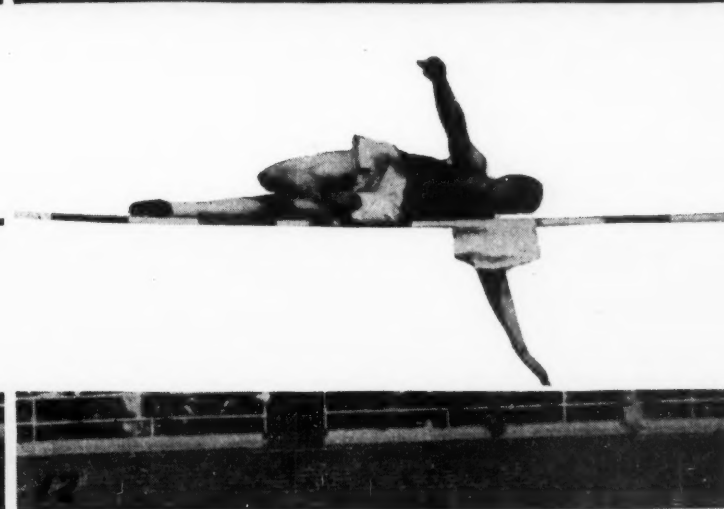
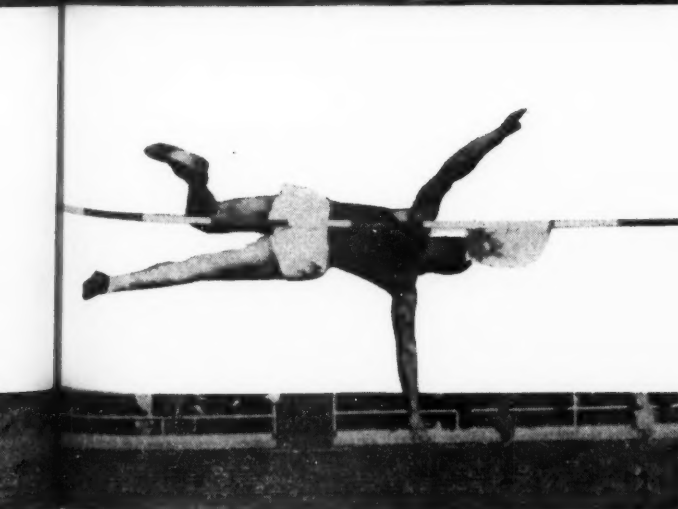




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Although only 5 ft. 9 in. tall, Boll has gone as high as 6 ft. 7 $\frac{3}{4}$  in. from the run. Threadgill throws his right arm forward and his foot is then brought over the head to assist the turn of the body at the peak of the jump. Threadgill swings his right arm downward and the left arm upward. Landing is on the same foot as the takeoff.



# Now IS THE TIME FOR ALL GOOD MEN TO ANTICIPATE THEIR NEEDS FOR Fall!

Check below all items which may be of possible interest to your institution. We will be glad to quote you prices which will include all transportation charges, also Excise Tax if applicable. In other words, you will receive the *complete* cost. We will also submit samples of materials used on canvas items. This does not obligate you in any way.

- |  |  |
|--|--|
| <input type="checkbox"/> Athletic Field Enclosures   | <input type="checkbox"/> Mat Covers (state mat size)   |
| <input type="checkbox"/> Baseball Bases              | .....ft. x .....ft.                                    |
| <input type="checkbox"/> Bat Bags                    | .....ft. x .....ft.                                    |
| <input type="checkbox"/> Basketball Goals            | .....ft. x .....ft.                                    |
| <input type="checkbox"/> Basketball Back Boards      | <input type="checkbox"/> Mat Rebuilding (send separate |
| <input type="checkbox"/> Bench Mats                  | list of mats)  |
| <input type="checkbox"/> Boxing Mats (state size)    | <input type="checkbox"/> Mat Trucks                    |
| .....ft. x .....ft.                                  | <input type="checkbox"/> Medicine Balls                |
| .....ft. x .....ft.                                  | <input type="checkbox"/> Net Goals                     |
| .....ft. x .....ft.                                  | <input type="checkbox"/> Prone Shooting Mats           |
| <input type="checkbox"/> Boxing Rings                | <input type="checkbox"/> Push Balls                    |
| <input type="checkbox"/> Boxing Ring Replacement     | <input type="checkbox"/> Resister                      |
| Parts  | <input type="checkbox"/> Spine Corrector               |
| <input type="checkbox"/> Cage Balls                  | <input type="checkbox"/> Spring Exerciser              |
| <input type="checkbox"/> Climbing Ropes              | <input type="checkbox"/> Striking Bag Platforms and    |
| <input type="checkbox"/> Football Dummies            | Accessories  |
| <input type="checkbox"/> Gymnasium Apparatus         | <input type="checkbox"/> Training Bags                 |
| <input type="checkbox"/> Gymnasium Floor Coverings   | <input type="checkbox"/> Tug-O-War Ropes               |
| <input type="checkbox"/> Gymnasium Mats (state size) | <input type="checkbox"/> Tumbling Mats (state size)    |
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| .....ft. x .....ft.                                  | <input type="checkbox"/> Universal Reformer            |
| .....ft. x .....ft.                                  | <input type="checkbox"/> Wall Pads                     |
| <input type="checkbox"/> Judo Mats                   | <input type="checkbox"/> Wrestling Mats (state size)   |
| <input type="checkbox"/> Leather Cleaner             | .....ft. x .....ft.                                    |
| <input type="checkbox"/> Lunge Belts                 | .....ft. x .....ft.                                    |
| <input type="checkbox"/> Massage & Treatment Tables  | <input type="checkbox"/> .....                         |
| <input type="checkbox"/> Mat Cleaner                 | <input type="checkbox"/> .....                         |
| <input type="checkbox"/> Mat Hangers                 | <input type="checkbox"/> .....                         |

☐ SEND CATALOG No. 18

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Gentlemen: Please quote prices and submit samples and details on items checked above.

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## What's New in Training

(Continued from page 30)

We cannot emasculate football sufficiently to remove all possible causative factors of injuries. Conscientious effort by trainers and coaches to toughen the knee, particularly the ligaments and the semilunar cartilages, by intensive special exercises, have not succeeded in lessening the frequency of knee disabilities.

We are forced to assume there is no way to inure the cartilages against damage. Consider, now, that internal derangement of the knee is the most frequent serious injury in sports. It disables more valuable athletes than any other injury. The disability is always a lengthy one and often terminates in permanent loss of outstanding material.

In football, we carefully protect the head with a helmet, the shoulders with a harness, the ribs and hips with pads. Isn't it time we tried to similarly protect the knee, the most susceptible part of the body, by means of suitable braces during practice and games? The problem deserves immediate and serious consideration. I was amazed at the vast number of "trick" knees I saw in the service, which traced back to schoolboy athletic competition.

### Recommended brace

What kind of brace would I recommend—especially for backs and ends with bad knees? Woven elastic braces with or without hinged steel sides, will not do. They are bound to "give" under severe stress. A leather and steel combination permitting free antero-posterior motion and limiting lateral motion, appears to be the best bet.

Stressing the desirability of a protective and preventive brace should not lead the coach to neglect intensive efforts to strengthen the musculature of the knee. Powerful muscles are the best assurance of stability and protection under strain.

If special exercises cannot toughen the semilunar cartilages, they can strengthen the lateral ligaments and the tendons around the knee joint.

Ringworm infections, particularly "Athlete's foot," were as common in the services as they have always been among athletes. Intensive study of the most effective means of preventing and treating fungus infections has yielded some interesting conclusions.

About 30% of the cases are due to bacteria (pyogens) rather than to fungi (Hopkins) . . . Contagion

usually occurs due to barefoot walking on contaminated floors. . . . The individual susceptibility and, therefore, the nature of the reaction to the invading fungus varies widely, resulting in all gradations of severity . . . the sox and the shoes become contaminated serving as a source of reinfection and spread.

Recent reliable medical reports stress the ineffectiveness of the customary prophylactic measures widely used in schools, namely the use of medicinal solutions in rubber tubs. The various medications are fungicidal when in proper concentration and if given sufficient time to bathe the fungi.

### Drawbacks

The point is that it is practically impossible to keep the chemical solution at the desired concentration and it is equally difficult to make the athlete keep his feet in the tub long enough—three to five minutes—to assure the proper effect.

These findings are soundly based and it behooves the coach to shift to a more effective routine of prophylaxis:—

1. Frequent scrubbing of the floors of the shower, locker and training rooms with cresol and plenty of hot water. Ample and frequent aeration of the rooms.

2. Discourage walking about barefooted. Urge the use of personal slippers.

3. After the shower, dry thoroughly, especially between the toes, though not so vigorously as to scrape the inflamed skin. Then paint the skin thoroughly with a Benzoin compound. Allow to dry, and dust freely with finely powdered Boric acid.

No experienced coach believes the success of a team rests primarily on its mastery of the fundamentals and advanced strategy. Leaders of the profession repeatedly stress that a thoroughly conditioned team possessing a moderate knowledge of the techniques is preferable to a team saturated with "science and art" but unable to stand the gaff.

We cannot only generate energy, but store it—even though indirectly. Conditioning and training routines must take into consideration the vital importance of abundant surplus energy. Lengthy drills and scrimmages may teach your boys lots of football and basketball, but may also leave them in no condition to stand the wear and tear of a punishing battle.

Overenthusiastic and prolonged training drains vitality. Many athletes have just enough energy to last

# Rifle Shooting a Grand Sport

writes **ALFRED KAMM**  
of the **BOYS' CLUB**  
of **Wilmington, Del.**



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220 East 22nd Street  
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Gentlemen:

Rifle shooting is a grand sport but only a small percentage of our youngsters become interested in it because of handicaps that are placed in their way. Give boys and girls the right kind of instruction and they will flock to the range; and, what is more, they will soon give adult shooters plenty of competition.

The need and value of expanding the program of rifle shooting are generally recognized. Here are some pointers that I feel will help develop many more junior marksmen: Let the boys and girls shoot; avoid lecturing. Give pointers to the shooter according to his needs and progress. Avoid going into details about the game with beginners; start shooting. Provide a safe place to shoot with a sufficient number of firing points to eliminate a long period of waiting. Do not distribute ammunition until all is ready for actual firing.

Get instructors who like and understand youngsters. Make the game as inexpensive as possible for the boys and girls. Affiliate with the National Rifle Association. In addition to shooting qualification scores for N. R. A. emblems and diplomas, get teams organized for competitions, hold individual championships of all kinds, and enter teams in national competitions.

Such promotion will make rifle shooting a popular sport in a very short time.

Cordially,  
*Alfred Kamm*  
ALFRED KAMM

Sponsors of CAMP MATTABOON, MARSHALTON, DELAWARE

Remington will help you plan the organization of a rifle club and the building of a range. As a starter, we shall be glad to send you, free, an interesting fully illustrated booklet containing instructions on the operation of a rifle club—including infor-

mation on equipment, marksmanship, target shooting, the construction of rifle ranges, and many other subjects of practical value. Just fill in the coupon and mail it to Rifle Promotion Section, Remington Arms Company, Inc., Bridgeport 2, Conn.



Remington Model 513T bolt action target rifle, completely equipped for the range, and Remington 22's with Klean-bore\* non-corrosive priming.

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The greatest golfer of the era tells you just how he makes his shots. Each shot is broken down carefully and illustrated with full-page action pictures of the master himself. Simple, terse, easy-to-follow explanations. A colossal golf text aimed to serve beginning and experienced golfers, as well as coach-teachers.

PRICE: \$2.75

### PHYSICAL EDUCATION and FITNESS

PHYSICAL FITNESS for BOYS by Miller, Bookwalter, Schlafer	\$3.00
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PHYSICAL CONDITIONING by Stafford and Duncan	1.25
GAMES, CONTESTS and RELAYS by Seward C. Staley	2.00
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SPORTS: ORGANIZATION and ADMINISTRATION by Hughes and Williams	4.00

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OFFICIAL BASEBALL	50c
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the workout, eat, and then collapse into the benumbing sleep of the exhausted. Study is out of the question—they can't stay awake.

This continues day after day. Friday is customarily the "rest" day during which the squad presumably accumulates sufficient energy for Saturday's battle.

A good training routine produces a team literally bursting with surplus energy and resultant zest for play. To assure this, the coach must limit the duration and intensity of the workouts and make certain the boys have abundant nourishing food and enough sleep to be thoroughly rested.

I therefore suggest that coaches seriously consider the advisability of conducting training sessions for football and basketball, no more than three times weekly on alternate days, thus permitting ample time for recovery.

Most of the advantages have already been pointed out. In addition to improving the general condition of the team, it will offer the boys an opportunity to keep up with their studies; and the coach will have time to take care of his numerous other duties.

Conscientious, intelligent care of the athlete is a vital responsibility of sports administrators. Few high schools have the funds to employ a qualified trainer, even on a part-time basis. The coach either acts as his own trainer or assigns the task to one of the associate coaches, to some other member of the faculty, or as is so often the case, to an interested student.

Since the duties of a team trainer carry considerable responsibility

and require basic knowledge of first aid, strapping, and perhaps athletic rubs, the coach should strive to provide means of preparing the embryo trainer for his duties. The latter should be encouraged to study a modern text on training, conditioning and first-aid care of athletic injuries.

In this respect the author has recently proposed to the New Jersey State Coaches Assn. that a two-day clinic for high school trainers be conducted annually. Coach Victor Felipe of Seton Hall College accepted the suggestion with eagerness and is at present busy promoting a clinic of this type. He expects an attendance of close to 250 youthful trainers.

A group of neighboring college trainers will assist me in practical instruction of modern training methods. Similar clinics may well be promoted throughout the states with resultant widespread interest in this phase of athletic activities.

To young trainers I would say: In an emergency, keep your wits about you. Do the best you can and remember the physician is just around the corner.

However excited, don't show it; put on that old "poker" face. Make haste slowly. Don't fool with injuries which are outside the scope of "first aid." Wash your hands thoroughly before handling an open wound. Follow the method of care you are sure of; don't listen to anybody who is a nobody.

Too much treatment is worse than none—don't douse a wound with every antiseptic in your kit. Be clean, be thorough, be calm and patient.

## PUTTING THE SQUEEZE ON ALL-STAR GAMES

**A** SANCTION - AGREEMENT affecting all-star and out-of-season athletic contests has been reached at a joint conference of the athletic directors of the Western Conference and the state executive officers of the National Federation member states in the Western Conference area.

It is agreed that the best interests of the school and athletic programs, and of the participants in such programs, will be served by control over all-star and out-of-season contests involving high school students or the school name.

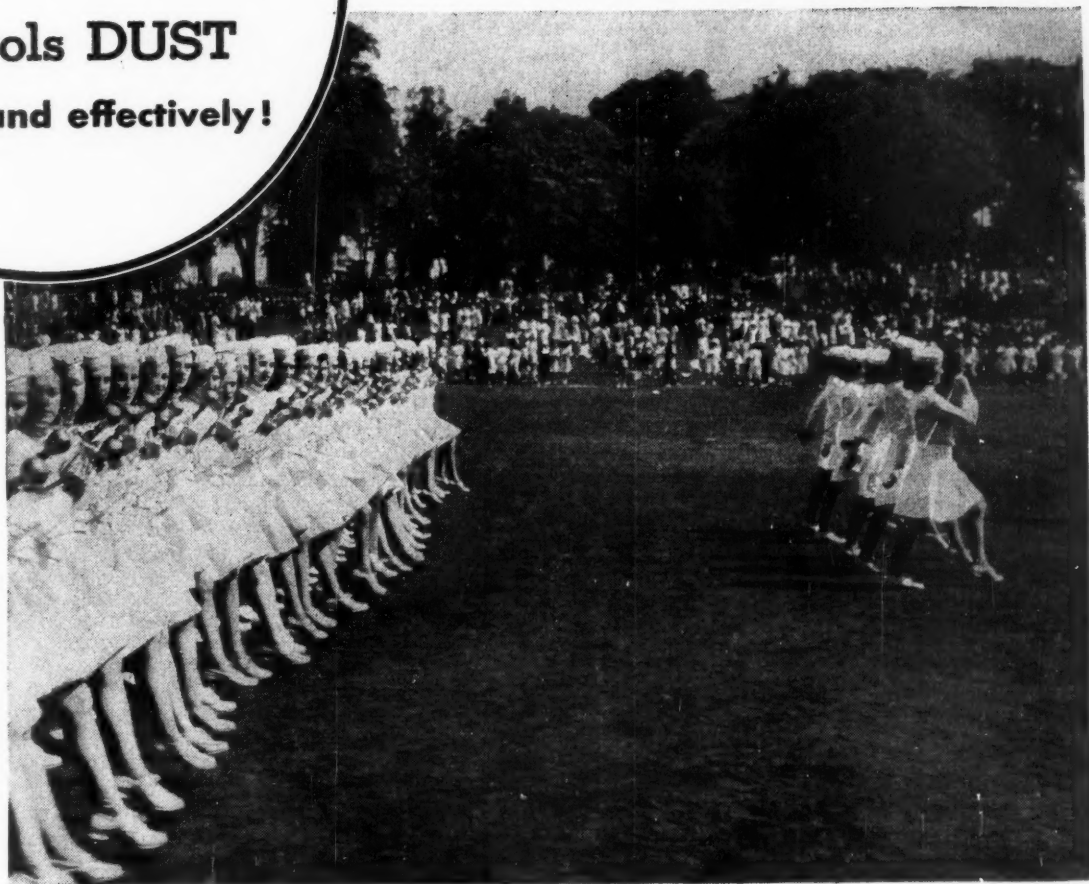
To stimulate such control, the

Conference athletic departments will not permit use of their facilities or athletic manpower for such contests unless the game is first sanctioned by the respective state high school associations. (This agreement will go into effect September 1.)

To encourage the extension of this agreement among all the schools and colleges in the area, the respective groups will petition their local administrative bodies (North Central Assn. of Colleges and Secondary Schools and the National Collegiate Athletic Association) to take the proper action.

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Quickly and effectively!



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*Why Gulf Sani-Soil-Set is  
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**Highly Effective**—Gulf Sani-Soil-Set eliminates dust annoyance completely immediately after application. No long waiting periods are necessary before the ground is ready for use. The dust allaying effect is accomplished by the action of the compound in adhering to and weighing down dust particles. In addition, Gulf Sani-Soil-Set possesses valuable germicidal properties.

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## State H. S. Basketball Finals

(Continued from page 20)

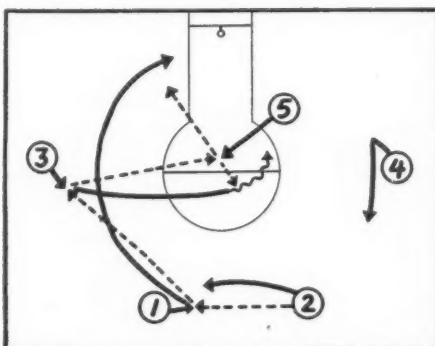
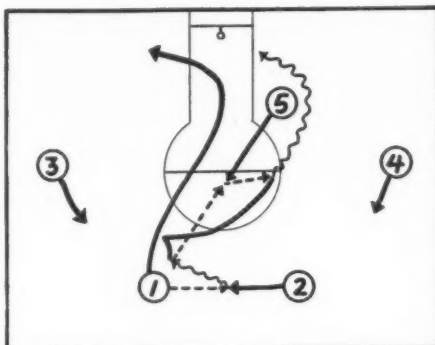
eliminated Flora, "the people's choice," 61-50.

That evening, in the big wind-up, Anderson copped the title by downing Fort Wayne, 67-53.

Outstanding feature of the tourney was the high individual and team scoring. In the finals, John Wilson of Anderson set a new all-time individual scoring record for one game with 30 points. His total 85 points constituted a new individual mark for the four final games.

In the pay-off game, both teams broke the team scoring record of 51 points established in 1912. All in all, the tournament saw 19 new records established and two old ones tied.

All four finalists used some version of the two-out three-under offense, attempting to work the ball into the pivot and then cutting off him. With the exception of Evansville, they also featured the fast break. The driving one-hand shot accounted for a great part of the scoring in all the games.



To stop John Wilson, the Anderson pivot, the defense often elected to drop back into the middle. As an antidote, Anderson employed the accompanying plays to work the ball through for short shots.

All four teams used the man-to-man defense, sometimes switching only on screens, and other times shifting every time two opponents crossed. Outstanding defensive feat of the tournament was the job Vanderbur of Anderson did on Milton, Fort Wayne scoring star, in the finale. After tallying 28 points in the afternoon encounter against Flora, Milton

had to hustle to pick up 12 in the evening game.

The capturing of the 1946 diadem gave Anderson its third state title, having previously won in 1935 and '37.

—CHARLES L. CUMMINGS

## Alabama

### 67 straight wins

FEW teams have entered the Alabama state finals as overwhelming a favorite as Parrish High of Selma this year. Still fewer have come away so decisive a winner.

There were tight spots, true, but the Dallas County quint, shooting for its second straight championship, broke away nicely on the rare occasions it was threatened. In their four victories the champs were never behind in the second half. And only one team—Phil Campbell in the semi-finals—managed a tie after intermission.

Under Comer Sims, member of the 1930 Alabama Rose Bowl football team, Selma carried a string of 63 consecutive triumphs into the state meet. Not since the semi-finals of the 1944 tournament had it been beaten.

During the past season, Parrish scored near routs in every game save two, one of them an 8-4 victory over Phillips of Birmingham, a win achieved after Selma had trailed 2-0 at the half. That highly-publicized contest was known 'round the state as the "famous freeze"; Phillips elected to hold the ball as long as possible to prevent Parrish scoring and the trick almost paid off.

The state draw didn't pan out too well as the three teams generally rated the meet's best—Selma, Comer and Phil Campbell—were thrown into the same bracket. With only 16 teams entered—the winner and runner-up from each of eight districts—an early showdown was unavoidable.

Came the long-awaited duel between Parrish and Phil Campbell, a team of rangy lads unbeaten in 25 regular-season contests. They probably had less system than any team at the meet, but their uncanny ability to steal rebounds plus a pretty fair average of hitting (which was done from any spot, any time) made them dangerous.

Parrish, conversely, set up virtually every two-pointer, with long shots a rarity. Forward Jack Brown, unanimously voted the tournament's most valuable player, put his team across with lightning breaks under the basket that seldom failed to pay off. Parrish won 38-28.

In the Lower Bracket, McGill, the surprise of the tourney, continued to bowl 'em over by nipping Scottsboro, 35-34, in a dream finish. Trailing at one time, 28-13, the Mobile team



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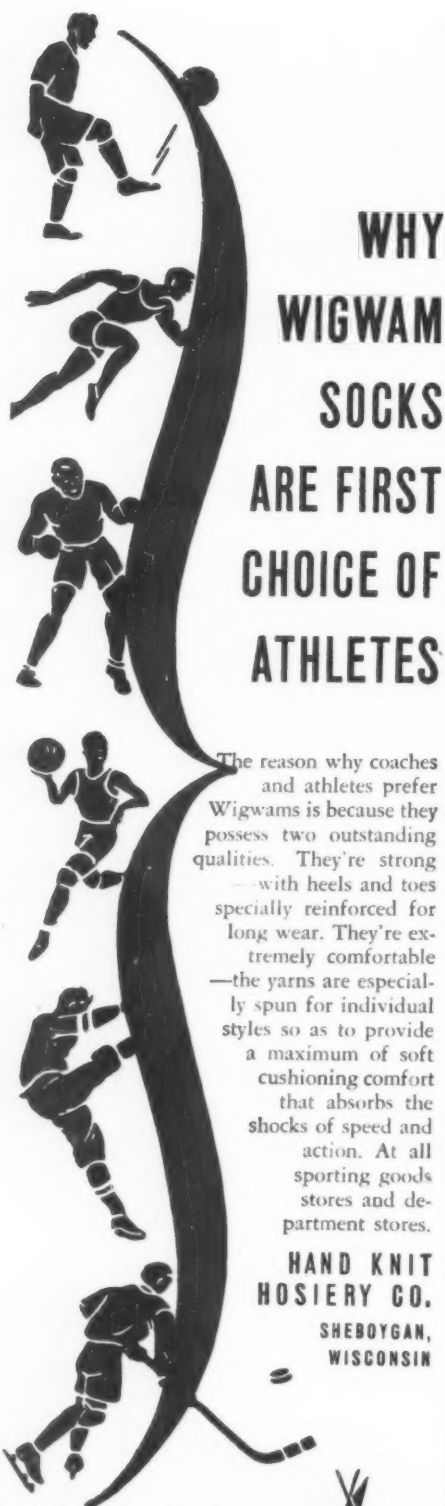
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hacked away until a point behind, 34-33, with a half minute to go. Scottsboro attempted a freeze but forward Ben Kilborn stole the ball and broke for the basket. He was fouled as he tried a layup. Previously he had missed three of four free throws, but this time he made both, 10 seconds before the finish, and McGill entered the finals against Parrish.

Some 3,500 fans, largest in tournament history, gathered for the final session, running total attendance past 10,000, still another record. Those figures may not look exciting to basketball-minded states, but to one just getting the ball rolling they're quite impressive.

Until just before the half, McGill made a game of it. But with three or four minutes remaining in the second period, Parrish got going. Using a fast break to advantage, it went out in front, 24-16, and increased its lead to 36-19 by the third quarter's end.

Arthur Geil, of McGill, second high scorer for the meet, flipped in 14 points to prevent a runaway, but Brown's accurate firing almost made it that as he tallied 18. It was 48-30 at the finish with Parrish pulling steadily away.

Scottsboro fell before Phil Campbell in the playoff for third place, but Scott-sharpshooter Harold Parks uncorked 20 points for high individual honors for the meet, running his tournament total to 58, also high.

—WENDELL GIVENS

### Connecticut

#### Hillhouse party

COACH Sam Bender's New Haven (Hillhouse) five lifted the Class A state championship of Connecticut for the sixth time since its inception in 1922, then went on to win the New England championships at Boston and take permanent possession of the Fletcher Trophy.

The state final against Bristol, coached by Tom Monahan, was a close, hard-fought battle with Hillhouse's height and experience proving the deciding factor, 34-29.

Two over-time classics featured the tournament — Harding-Bridgeport vs. Hartford-Bulkeley, 32-29; and New Haven - Commercial vs. Bridgeport-Bassick, 34-32.

In Class B, Branford took its seventh title by walloping Stonington, 44-31, before 1,800 fans. Ranked fourth in the pre-tourney ratings, Branford had a comparatively easy time winning the crown, while Wethersfield and Lewis-Southington, the seeded favorites, were both knocked off in the quarter-finals.

Bloomfield captured its second Class C trophy in a thrilling finale against the defending champs, Ellsworth Memorial-South Windsor, 35-26. Ellsworth took an early lead and stuck within a point of the ultimate winners until shortly after the second half.

### SCHOLASTIC COACH

In a tabulation of shooting averages in C play, prepared under the direction of Charles F. Gipson, Weaver coach and tournament manager, winning Bloomfield ranked only third with a total of 67 goals out of 234 shots in four games, for a percentage of 29.9.

Ellsworth Memorial ranked first. In five games, it scored 75 goals out of 230 shots, for an average of 32.6.

A record total of 58 teams, more than half the member schools of the state athletic conference, participated in the tournament. This necessitated afternoon play-offs in the Class A group and preliminary games for 18 of the 25 teams in Class C.

All Class A games were played in the New Haven Arena; Class B in the spacious Payne Whitney Gym at Yale U.; and Class C games in the Weaver High auditorium at Hartford.

—ALICE W. DOWLING

### Georgia

#### Savannah shaves Boys

IN a whirlwind finish which saw the lead change hands three times in the last minute, Savannah nosed out Boys of Atlanta, 37-36, for the championship of Georgia.

Savannah and Boys furnished the upsets of the tourney by knocking off the favorites, Jordon of Columbus and Lanier of Macon, in the semis.

In Class B, Rossville, winner of the state title in 1944, came to the tournament unheralded and unsung with an unimpressive record. Tucker, the other finalist, showed up with a fine record and promptly proceeded to dump favored Canton in the semis.

In the finale, Tucker, as expected, forged ahead of Rossville and stayed out in front for three quarters. At this point, Rossville caught fire. They inched up on Tucker, forged ahead early in the fourth period and went on to win, 42-31, giving Coach R. E. Hinds his second title in two tourney appearances.

In Class C, Montezuma and Greenville rode roughshod over their opposition until they hooked up in the finals, where Greenville's height proved too much for Montezuma, Greenville winning, 33-29.

Most of the tourney teams used zone defense throughout. The Class C winners, Greenville, used a man-to-man and relied on its height—team average 6-2—to control both boards.

Both B finalists employed shifting zones and set offenses. Tucker was much taller than Rossville, but the champs kept the Tucker guards off balance with peculiar underhand spin shots.

In Class C, both teams used man-to-man defenses and combination fast-break-set attacks. Savannah particularly used the fast break to great advantage.

—SAM F. BURKE

(Concluded on page 61)



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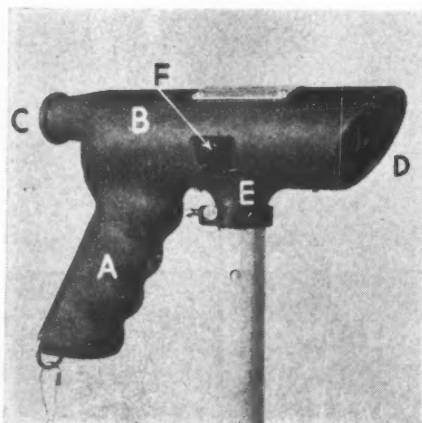
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## Emotional Problems in Athletics

(Continued from page 29)

probably a good player anyway and no harm will result.

However, there comes a time when the coach must act. Suppose Bill's "No. 7" is lost and he develops a poor mind-set? Or suppose the team develops a superstition that playing on a certain day is "unlucky?"

That puts the coach on the spot. He can't hesitate. If reason will prevail, a short session with the boys will be sufficient. When that doesn't work, sterner, more old-fashioned methods are needed.

Again, your athletic director may be able to help. Don't feel badly. Superstition is as old as the human race and as firmly established.

Most of the time, boyish superstitions won't hurt. In fact, the coach may even enjoy a few of his own.

### Sex

It is regrettable that sex instruction does not occupy a more prominent place in our school curriculum. Many sex problems stemming from ignorance and misinformation could thus be prevented.

The coach probably encounters a smaller percentage of sex problems than other teachers. Athletics occupy the mind and body, and drain off excess energy.

However, sex problems do occur and each coach, knowing his own

players, must decide the best approach in the individual case. Ignoring the situation is not indicated. Sometimes a quiet, serious talk will be the solution.

Where the trouble is deep-rooted, the parents and physician must be consulted before arriving at a decision. The principal will, naturally, be apprised of the situation and his advice sought.

In any event, the coach is in an excellent position to render a real service. His close association with the boy makes this possible. It must be remembered, however, that the boy's pride and dignity should not be wounded while he is being helped.

### Conclusion

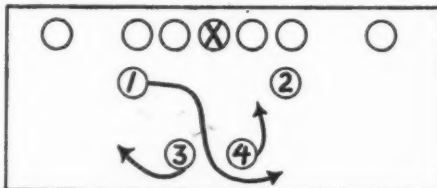
If we attempted, categorically, to relate and present solutions for every emotional problem coaches face, we would need a book. In the foregoing, we have merely attempted to classify the more common team problems likely to arise in the course of any sport season.

While we may speculate concerning the more intimate causes and details of these emotional problems, the conclusion remains inevitable. If we cannot rid ourselves and our players of these emotional problems by consciously seeking out and destroying them, they will certainly destroy us, or our teams.

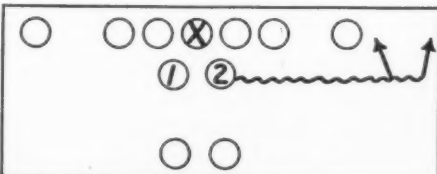
## "Here Below"

(Continued from page 5)

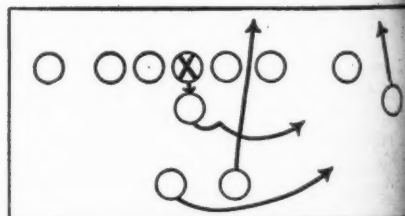
The old triple spin with three men spinning simultaneously over the ball.



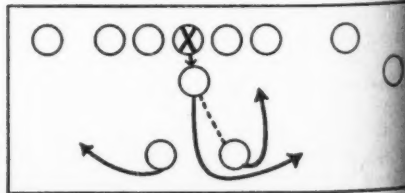
The new spinning T, with the 1 and 2 backs up under center.



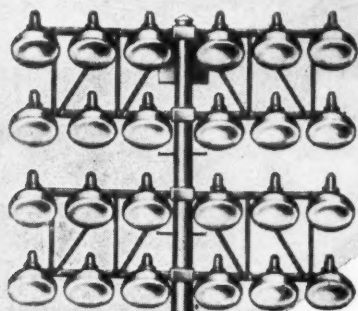
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# MEET THE PRESS

This is the second of two articles on coach-press relations, by David Eisenberg, sports-writer on the "New York Journal-American."

**T**HE press is becoming an increasingly vital force in the promotion of school sports, and it behooves the modern coach to recognize and exploit its possibilities.

Sports are now important business. To enjoy a full physical education and athletic program, most schools must make their sports pay—especially football. The tremendous growth of basketball has helped swell the exchequer. But most of the financial load still rests on the gridiron sport.

It takes a winning team, plus, to attract the customers. The *plus* is publicity.

The closest athletic contact between school and press is the coach. A coach may thus make or break his school (and himself) by his treatment of newspapermen.

I do not mean that every reporter should be rushed to the nearest bar and drowned in fire water.

What I mean is that the coach and his school should give the press all the consideration necessary to assure complete news coverage of the team.

The coach must be honest. All his information should be accurate and complete. If the school has no publicity department, the coach or his manager may prepare little mechanical aids for the press.

Of exceptional value is a printed or mimeographed roster of the squad, consisting of full names of players, their numbers, height, weight, age, and year in school.

The coach should keep a good supply of these rosters on hand so that he can offer copies to visiting newspapermen. To make certain the visitor leaves with everything he came for, the coach, as a parting

gesture, should always ask: "Is there anything more I can do for you?"

In football, the coach should offer to explain his system, with accompanying diagrams. This enables the reporter to follow the game much more easily.

Princeton University is a pioneer in this respect. The school supplies each reporter with a printed diagram of its system, in addition to all the detailed roster information which is needed so badly in covering a game. With deadlines a matter of minutes away, the reporter hasn't the time to dig up these statistics himself.

## Meet the people

An alert coach will go to the trouble of meeting a visiting team upon its arrival from a distant community. He should do the same for out-of-town newspapermen.

He should be aware, especially in these times, that hotel accommodations and travel reservations are hard to obtain. He can do more to help the visiting newspaperman than anyone else.

Dartmouth's treatment of Everett B. Morris, of the *New York Herald Tribune*, Louis Effrat, of the *New York Times*, and myself, on the occasion of the Dartmouth-Columbia basketball game last winter, may serve as an object lesson on how a little extra effort can cement the

friendship of visiting reporters and their papers.

Our great worry was getting sleeper accommodations back to New York after the game. Were we amazed when Whitey Fuller, the Dartmouth publicity man, handed us the train tickets upon our arrival!

Yes, we paid for them. But the important thing was that we were assured of return berths. After the game, Ossie Cowles, the coach, drove us to a party at his home where he entertained us until train time 1:30 in the morning.

An unnecessary irritant that costs many coaches newspaper friendships, is the stone-age trick of changing the numbers on the players' shirts. About the only thing this practice accomplishes is to miff the reporters. In addition to his other troubles, he must now go to a great deal of trouble identifying the players while the game is on.

I know of few cases where the practice has won games.

Most coaches know their starting lineups at least a day in advance. To assure accurate advance stories, they should release them to the press.

If the coach is uncertain about the condition of an injured star, he should be frank with the reporters. The man who creates phantom injuries can get away with the stunt only once or twice. After that, like the boy who cried wolf once too often, he will be marked down as untrustworthy.

A smart coach can turn even a  
(Concluded on page 58)



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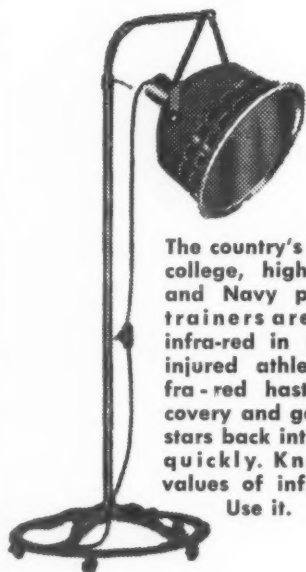
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## Ed McKeever

**T**HE secret of Ed McKeever's success is rather obvious. Besides being a Class AA technician and a demonstrator par excellence, he has a way with people. His good looks, pep-solent smile and husky Texas drawl can draw fire and brimstone out of the most placid pacifist.

Born 35 years ago deep in the heart of Texas (San Antonio), Ed wound up at St. Edward's University Prep School in Austin, where he became a three-sport star under Jack Meagher, later the football coach at Alabama Poly. Ed captained all three teams in his senior year, then left for Notre Dame in 1930.

As a freshman, he played in the great backfield that included Dan Hanley, Steve Banas and Nick Lukats. His father's illness then necessitated his withdrawal. He subsequently matriculated at Texas Tech, where under Pete Cawthon he played three years at right half.

His capabilities were recognized by Cawthon who made him assistant coach upon graduation in 1935. Ed stayed with Pete until the spring of 1939 when, after meeting Frank Leahy at a coaching school, he accepted a post with the latter at Boston College.

The firm of McKeever and Leahy proved a bouncing success. In two years, they lost only one regular game, driving the Eagles into two post-season classics.

When Notre Dame beckoned Leahy, he took McKeever along with him. The Texan had his first taste of running things when Leahy took sick in 1942. He took over the Irish and piloted them to three great victories. His next chance came after Leahy accepted a naval commission in 1944. Ed, as head coach, steered the Notre Damers to eight victories in ten games, losing only to power-laden Army and Navy.

Last year he took over a bedraggled Cornell team and won five victories in nine games, an impressive feat everything considered.



## Coaching Schools Who's Who

McKeever is the only coach in activity whose children were named by his players! It happened back in 1940. On December 19, the day after Ed left with Boston College for the Sugar Bowl, his wife presented him with twin girls. "Whoever scores the touchdowns names the girls," declared Ed. Mike Holovak and Mickey Connolly did, and they settled for Susan Helen and Jane Anne.

Ed McKeever will appear at the Holy Cross, Rhode Island Football Coaches and Oklahoma St. coaching schools.

## Lynn Waldorf

**N**ORTHWESTERN's big, bluff Lynn Waldorf is a trouble shooter. He has been head coach at three different schools. In each case, he took over a deflated eleven and in each case he quickly pumped life into its veins.

The oldest of four brothers, all of whom played football in college, Waldorf learned his blocks and tackles under Chick Meehan at Syracuse, where he won all-America honors at tackle.

After graduation, he signed up for three years at Oklahoma City University. He fell heir to a team that had not won a game in its conference for four years. In Waldorf's three-year tenure, the Goldbugs won 19, lost 9 and tied 3.

Lynn then moved on to the University of Kansas as line coach. The following year, he turned up as head man at Oklahoma A. & M. He took over a sagging grid club and put it on its feet in astonishing quick order. In the next five years, the Aggies won 34 games, lost 10 and tied 7, capturing two conference and four state titles.

His success at the two Oklahoma schools led to an appointment at Kansas State in 1934, where he succeeded Bo McMillin, who had departed for Indiana. In his first year, Waldorf produced a team which won the first Big Six championship in K.S. history.

This focused the national spotlight upon him, and the next year found him at his present home—famous



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Northwestern University. His pattern of success continued. In his first season, the Wildcats licked an undefeated Notre Dame team—the first Northwestern victory over the Irish in 35 years.

In 1936, the Wildcats picked up where they left off, ringing up six straight victories to clinch Northwestern's first undisputed Big Ten championship.

Today the Wildcats remain a national power. Only once in the past nine years has the Purple finished in the red—the second division of the Big Ten. Among the great players Waldorf has produced are: Bob Voigts, Fred Vanzo, Don Heap, Bob Swisher, Alf Bauman, Bill DeCorrevont, Red Hahnenstein, Don Clawson, and Otto Graham.

Lynn Waldorf will lecture at the Bethany College and Edinboro coaching schools.

### Howie Odell

**Y**OUNG, likable Howie Odell is rapidly becoming an institution at Yale University. One of the smartest, most personable coaches to come up in a long time, he was recently signed to a long-term contract—a reward for his super job in rejuvenating the Bulldog grid teams.

Born 34 years ago on a farm in Brooks, Iowa (population 175—including the six Odell children), Howie spent his teen-agehood woodchopping, planting seed and playing football. His introduction to the grid sport came in the form of an old battered football, which he used to kick from field to field after his chores were done.



It was this early training that years later established him as one of the best backs and precision punters in the history of Pittsburgh University. Although he never weighed more than 147 pounds, Howie sparked the Pitt backfield against the nation's best.

Odell began his coaching career as an assistant to Jock Sutherland at Pitt, worked with Dick Harlow at Harvard, George Munger at Penn, and Harry Stuhldreher at Wisconsin, before coming to Yale in 1942.

The climax of his four-year reign came in 1944, when he led the Bulldog to its first unbeaten season in decades. To date, his teams have won 20, lost 11 and tied one.

Considering his youth and his comparatively limited head coaching experience, Odell was singularly honored last August by being chosen as a coach of the College All-Star team which played the Green Bay Packers in Chicago.

Howie Odell will discuss the T Formation and its ramifications at the New York H.S. Athletic Assn. and Rhode Island Football Coaches coaching schools.

### Hank Iba

ASK any basketball expert to name the top hoop coaches in the country, and dollars to doughnuts Hank Iba's name will appear among the top five. At Oklahoma A. & M. the past 12 years, he has established himself as one of the all-time coaching greats.

Iba teams are always models of superlative coaching. They have a coolness, a savoir faire, an esprit de corps unmatched in big-time circles.

Iba's all-time record shows 415 wins and 97 losses in 19 seasons—a sensational coaching percentage of .810. He is the only coach in history to cop two successive national college championships, his Aggies turning the trick in 1945 and '46.

In his 19-year career, Iba's teams have won 14 conference or state championships. He has had two undefeated seasons, 31 games in 1929-30 and 24 games in 1931-32, both at Northwest Missouri (Maryville) Teachers College.

His greatest winning streak was 42 straight from the start of the 1929-30 season through the middle of the following year at Maryville. At Oklahoma A. & M., his Cowboys won 25 straight in 1939-40, all-time Aggie high.

The professor of shots and dribbles attended Easton, Mo., High, the town in which he was born in 1904. He matriculated at Westminster College, where he earned 13 letters in four sports (football, basketball, baseball and track) in three and a half years.

He then became basketball coach at Classen High in Oklahoma City. The following year, he entered Northwest Missouri Teachers College, where he received his degree in 1928.

After two years at Classen, four years at Northwest Missouri Teachers, and one year at the University of Colorado, Iba descended upon Oklahoma A. & M. (1934).

In addition to coaching basketball, Iba is a top-grade athletic director. Under his wise directional hand, the Aggies have developed one of the finest athletic programs in the land. In 1945, Iba was named to the Helm's Foundation all-time coaches Hall of Fame.

At the Iowa H. S., Utah State and Wentworth Mil. Acad. coaching schools this summer, Iba will lecture on the fundamentals of team defense, offensive play, out-of-bounds play, and tournament basketball.



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JOHN KNIGHT, BETHANY COLLEGE, BETHANY, W. VA.

For complete information on all coaching schools (dates, staffs, courses, tuition), refer to the Coaching School Directory on page 62.

# DON'T MISS THIS Double Header!



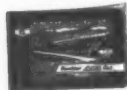
The 1946 editions of the Famous Slugger Yearbook and the H & B Official Softball Rules are about ready for distribution. Free copies will be supplied to your team members. Simply state how many of each you require, addressing Department SC.



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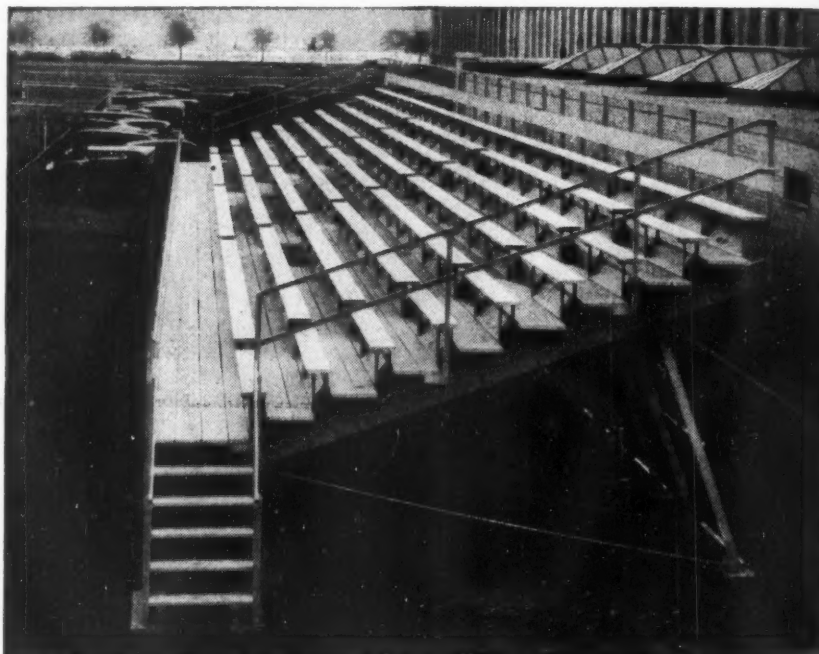
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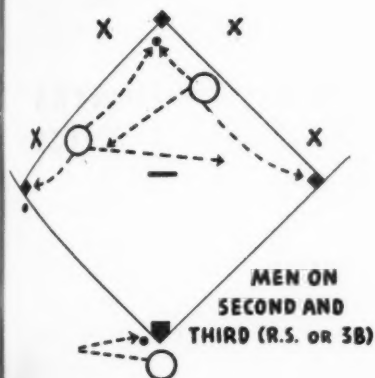
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# Baseball's All-Seeing Eyes—the Umpires

(Continued from page 8)

covers third, while you cover second. But you won't find many school players trying to go from first to second on a fly.



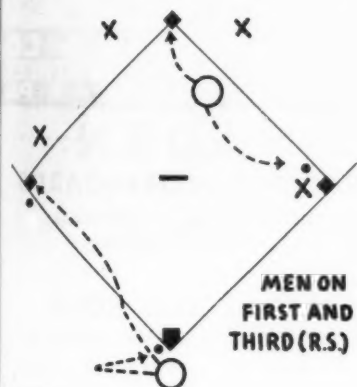
**Men on second and third:** Two positions are recommended. One, same as before, between third base and shortstop; and, two, right side of the diamond, similar to position with a man on first only.

The first would place you in good position for a pick-off at third or second. The other would put you farther away from the third base pick-off nearer a second base pick-off and in better position for first base plays, which would arise the majority of the time.

Therefore, the second base position on the right side of the diamond is more highly recommended.

On a tag-up fly to the outfield, the plate man covers the third base runner while you take the other.

On a hit, check the runner coming from second to see if he hits or misses third base, then hustle over to take the batter rounding first for possible play at second.



**Men on first and third:** The best position is on the right side of the diamond, similar to the position with a man on first only. Some umpires like to work in a similar position but to the left of second

base. Try both and see which you prefer.

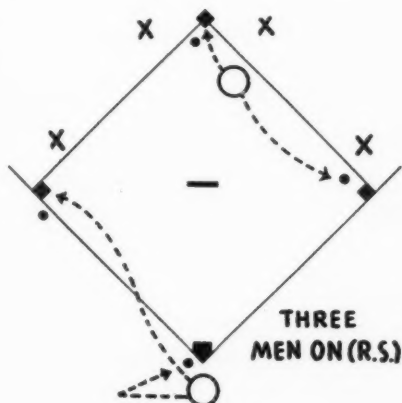
From the first position, you can cover a steal—a strong likelihood in high school ball. You're also in position for a double play and with a little hustle, you can cover a pick-off at third.

On a hit, check the runner on first as he rounds second to see that he hits the bag, then pick up the batter as he rounds first and watch for a possible cut-off of the relay for a play at second (missing a base is an appeal play).

On a tag-up fly, cover the man on first. The plate umpire is responsible for the man on third.

**Three men on:** Your position is again on the right side of the diamond. A pick-off, the double play, and the tag-up fly-ball plays, can all thus be easily covered.

If the infielders move in for a possible play at the plate, place yourself in position to cover all the possible plays. You might have to move a couple of feet either way to keep out of the fielders' vision.



On a hit with everybody on the move, try to check the runners touching the bags, with the first thought to the runner nearest home plate. (This will usually be the man coming from second.)

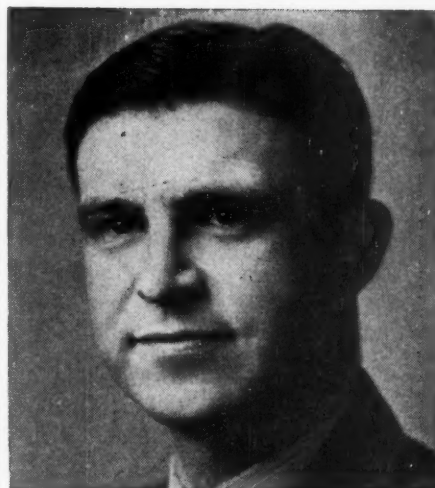
The double-umpire system is predicated on teamwork. Know your positions. Know which plays to cover, when behind the plate or on the bases.

A few added suggestions:

1. Dress properly; blue suit, blue cap, blue tie, white shirt, spiked shoes (polished).

2. If working behind the plate, have proper equipment: chest protector, mask (a good one), shin guards, whisk broom (keep that

(Concluded on page 52)



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The promise of lifetime security and a steadily growing income . . . plus a respected position in his community . . . that's the kind of a career Bill Rohlf was seeking, and he found it in life insurance selling. Bill is an ex-coach who entered our business only 2 short years ago. Since then he has become the Assistant Manager of a successful agency.

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Such stories are not uncommon since The Mutual Lifetime Compensation Plan created career opportunities for qualified men. We invite coaches to send for our scientific Aptitude Test, which can be taken in your own home. Men who qualify are offered time-proven field training, and they receive a guaranteed salary while becoming established. After that, their income possibilities are virtually unlimited!

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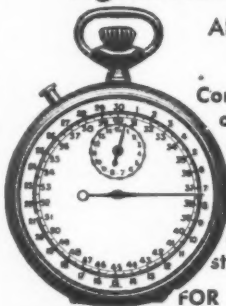
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plate clean), indicator and rule book.

3. Be a gentleman at all times.

4. Hustle and keep the game moving without making it appear you are in a hurry to finish. Too many high school games drag and drag and drag.

5. Study the rule book.

6. Get the proper angle on all plays.

7. Don't go on the field with a chip on your shoulder.

8. Be careful when calling time. Be sure your partner and the ball players hear you. An appropriate arm motion will help.

9. Check the bases. See if they are spiked down. If not, inform both coaches.

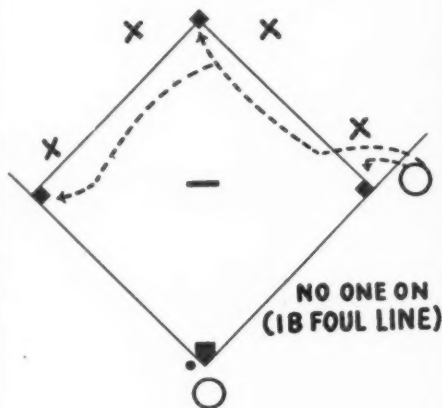
10. Keep spectators away from the foul lines, or you may have trouble seeing balls hit down the lines.

11. If working the plate, get that mask off for all decisions and arguments.

12. Don't call plays too soon. Wait until they are completed before making your decision.

13. Keep your eye on the ball. You can't go too far wrong if you know where it is at all times.

14. Make both teams keep bats, gloves and other equipment on or near their respective benches.



15. Make whatever voice calls are necessary in a clear, firm voice, which allows for no misunderstanding.

16. Never allow a player or spectator to intimidate you. If you make an error, don't try to even it up the next time. Call *everything* exactly as you see it, with no regard for past decisions.

17. Listen courteously to all reasonable protests by the team captains. Don't be impatient and brusquely brush off the "kicks." The time to be brusque is when you're sure you're being deliberately baited.

18. Be firm; be decisive; be consistent.



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Unlike the usual straight front supporter waistband, the ends of the Olympic Champion APEX waistband are crossed in front forming a "V" at the center of the pelvis bone.

Fitting snugly over the pelvic region, each half of the APEX "V" works independently of the other. Body tension set up by twisting, turning, bending, is focused directly on the V-front. Whether you bend back, forward, or to the side, tension in any part of the APEX waistband is absorbed at the center of the "V".

The result is **BALANCED ACTION** in the waistband.

Then too, both ends of the APEX "V" waistband are sewn to the top of the pouch providing a gentle uplift to both sides of the pouch. During the brief second when you are bending to the right, the pouch, unconscious to the wearer, is giving added support on the left. Then when you are bending to the left, the reverse is true.



\*The Olympic Champion APEX basic construction is protected by U. S. Pat. 2,301,066—no licenses have been granted any other manufacturer.



The result is **BALANCED ACTION** in the pouch.

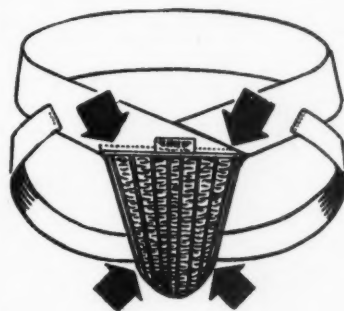
And **BALANCED ACTION** in both waistband and pouch assures snug fit and comfort under all conditions, completely overcoming chafing, friction and displacement.

You'll also find that each Olympic Champion APEX is carefully tailored of only the best elastic materials.

You can easily find out why "Coaches Are Enthusiastic About" the Olympic Champion APEX. Write us on your school letterhead, mention your dealer's name—we'll be happy to send you a **FREE** one by return mail.

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No. 1, mesh-type elastic  
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NOTE: The Olympic Champion APEX is one of the many quality supporters we manufacture, including knee and elbow caps, a combination anklet and arch support.



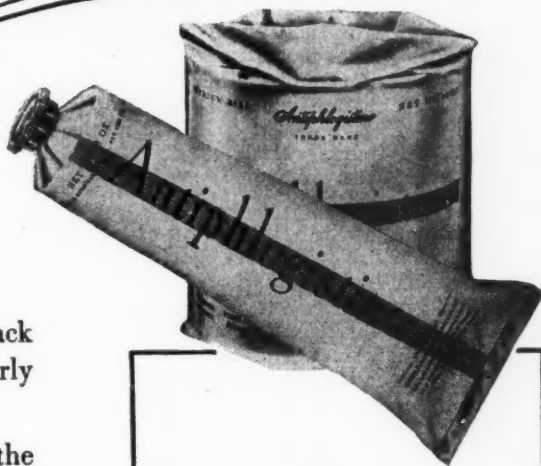
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## Antiphlogistine

The Denver Chemical Mfg. Co., Inc.  
New York 13, N. Y.





Illustrations by K. C. T. Lippert

Please send all contributions to this column to Scholastic Coach, Coaches' Corner Dept., 220 East 42 St., New York 17, N. Y.

**Ed Boell, Great Neck (N. Y.)** High coach, relays the one about the Brooklyn cabbie, a loyal Dodger rooter, who was sitting outside the ball park waiting to pick up a fare, when one of the bleacherites called down to him: "The Dodgers got three men on!"

The cabbie, thinking of the previous day's game when Babe Herman tripled into a double play, promptly asked: "Which base?"

**Can the fellows who toot in the school band become sports heroes?** Aren't all musicians supposed to be sissies? The answer is—no. As evidence, we give you Larry Hunt, ace basketballer of the Woodrow Wilson five of Beckley, champs of West Virginia; and Lee (Don't-Call-Me-Harry) Truman, all-state football star from Owenboro, Ky. Both these fellows tooted in their school band before they ever went out for sports!

**One noon** at Shibe Park, the notoriously weak-hitting Goofy Gomez was batting against Lefty Grove, famous Athletic fireballer. Grove whizzed one strike by Goofy, then another. As the third pitch struck the catcher's mitt with a resounding smack, Umpire Ormsby called, "Strike three."

Gomez, who had not moved his bat from his shoulder, turned to Ormsby. "Mr. Umpire," he protested, "don't you think the last one sounded low?"

**Then there's** the time Ed (Porky) Oliver, a very fat golfer, ran into Gomez who began lecturing him on the evils of eating hamburgers, hot dogs and drinking milkshakes between meals. "You'll eat yourself right out of golf," warned Gomez.

A few minutes later Gomez was stunned to see Oliver walking out of a restaurant with a hamburger in his hand. "You made me so hungry I had to get something to eat," explained Oliver, grinning.

**Last month** we listed seven high school coaches who've climbed upstairs in recent years. Here's an eighth—Art McLarney, coach of the Roosevelt five Washington state basketball champs. Next fall, Art becomes freshman football, basketball and baseball coach at his alma mammy, Washington State College.

**"This spring,"** writes Bill Bishop, Crestview (Fla.) High School coach, "the only left-hander on my baseball squad, 'Screwball' Adams, reported for practice a couple of days late. In his first time at bat, I instructed him to bunt one down the first-base line. After he had bunted two down the third-base line, I asked him rather sarcastically if he knew where first base was. 'No,' he replied, 'this is my first day at practice.'"

**Chop suey.** On April 3, startled Chinese sports fans read that Bob Feller and Hank Greenberg had jumped to the Mexican League; Byron Nelson had retired from golf; and that the Chinese coolie who won the Shanghai rickshaw race had been offered \$25,000 to meet Les MacMittell in the U.S.

Then came the light. The stories had been lifted from the April Fool's Day issue of *Stars and Stripes* and reprinted as serious news.

**Who is this guy** Sergeant York? In Portland, Ore., lives a sharpshooter who can hit anything he can see. His name is Willies B. Miller. Last month, he shot 307 straight bull's-eyes, which must be a world record.

## Coaches' Corner

**Jack Roper** fought Joe Louis for the title a half-dozen years ago. "Did you go down when he hit you?" he was recently asked. "With Louis in front of me, the ropes behind me, and the law of gravity preventing me from going up," Roper replied, "where else could I go?"

**Joe Louis' fame** weighs 375 pounds. That's the weight of his press clippings about his rise to the title. They total about 9,000 pages, fill 73 volumes, and are worth \$15,000.

**The Cubs' fine rookie,** Marv Rickert, is a sharp-witted youngster, always ready with a wisecrack. During spring training, trainer Andy Lotshaw was bragging about his erstwhile hitting accomplishments. Rickert listened quietly for a while, then flattened the braggart with: "Andy, I bet you're the only batter who always could hit a spitter on the dry side."

**The best advice** Rickert ever received for a hitting slump came from Jimmy Mosolf, former Pirate. "Mosolf told me just to go up there and whistle any song I could think of. Well, the rest of the season I was whistling and humming and just belting hell out of the ball."



**Out in Boston,** a ball player can always find a roof over his head. Take the Braves, for instance. When they returned from spring training, they couldn't find any apartments. So the

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Leading players say they have all the qualities a good tennis string needs. And they keep those qualities far longer. This year, in new rackets or restringing jobs—suggest to your students that they ask for NYLON! At your dealer's. E. I. du Pont de Nemours & Co. (Inc.), Plastics Dept., Room 515, Arlington, New Jersey.



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management inserted the following ad in the local papers:

### Baseball Fans, Do You Have a Room, an Apartment, or a House to Rent?

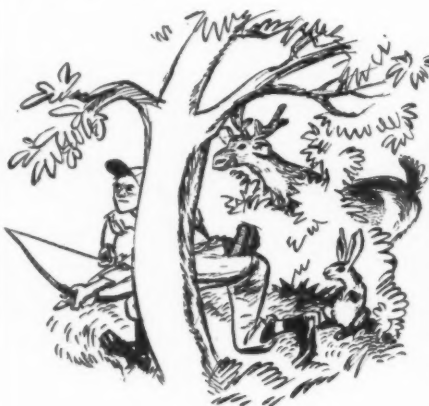
If so, Billy Southworth can supply some fine tenants—bachelors, newlyweds, daddys, with one, two or three children. His Boston Braves are due in town on Friday, April 12, and they are looking for housing facilities.

If you own a room, an apartment or a house, and you would like to have one or more of the Braves occupy same, please phone STA. 9600. There will be someone on hand 24 hours a day to handle the calls, or write to Braves, Boston 15.

**Any similarity to this article and a real estate ad is not purely coincidental**

The housing shortage was quickly solved. Some 60 rental offers poured in.

Big-league stars are real he-men with he-men hobbies. In their spare time, most of them hunt, fish or play golf. A few, however, have unusual hobbies. John Berardino writes poetry. Buddy Hassett is a professional crooner. Jeff Heath goes hunting with a bow and arrow. Bob Kennedy plays the xylophone. Joe Kuhel performs magic tricks. Slat Marion goes in for fancy woodworking, while Sibby Sisti collects pennies.



Out Teaneck (N. J.) way, everyone is raving about the Junior High School Whiz Kids. The Kids won 14 and lost none the past season, and have copped the county title six straight years! Star of the 1945-46 team, writes Henry Stasiuk, sports editor of *The Sunday Sun*, was Joe Kutner, who dunked 245 points for an average of more than 17 a game.

Danny MacFayden was pitching for Pittsburgh. With the count three and two, he pitched one that umpire Bill Klem called ball four. Danny rushed to the plate, whipped off his glasses and proffered them to Klem, yelling: "You need 'em more than I do." For which he was promptly heaved out of the game.

Manager Frank Frisch arrived on the scene. "Bill, Bill," he pleaded, "the kid didn't mean it. He was excited, have a heart." Klem remained adamant. "Frank," he said, "I'm not putting him out for casting aspersions on my eyesight. But he was yelling

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so the stands could hear. To cause a commotion, maybe to incite a riot. I can't tolerate . . ."

Just then MacFayden elbowed Frisch and Klem apart. "I was not yelling to the grandstand," he told Frisch. "I was hollering just in case his ears are as bad as his eyes."

Guess what Bolivar (N. Y.) High is bragging about these days? According to coach Tony Perrone, the school lays claim to the youngest cheerleader in captivity—Penny Cotler, aged three!

When Ed McKeever, Cornell football coach, attended Texas Tech. he helped pay his way through by peddling rattlesnake skins. He spent his summers trapping the reptiles. In the fall, he'd return with four suitcases—one full of clothes, the other full of snakeskins. Rates ranged from 50 cents to a buck.

Munhall (Pa.) High boasts one of the swellest rifle teams in the nation. Winner of two state crowns, the team wound up the past season unbeaten. There are ten shooters on the squad—and seven are gals! Lay those rifles down, babes.

Wanna stimulate sports in your community? Try a Banquet of Champions. That's how it's done in the Lehigh Valley, Pennsylvania. Every year the Bethlehem Boys Club Fraternity throws a big dinner for all the boys, girls, men and women who won sports championships in the Valley. The champs are dined and awarded fitting trophies and plaques. This year 300 athletes representing 23 sports attended the function. Along with them were all the high school and college coaches in the area.

The Banquet has been going nine years and has had a very salubrious affect in stimulating sports participation. Every year the Fraternity concentrates on a different sport. This year it was tennis. The famous Forest Hills stadium was reproduced in miniature for the banquet and Sarah Cooke, national women's champion, was invited as guest speaker.

Tavares (Fla.) High School has only 24 boys in the upper three grades. But they sure know their blocks and set shots. Consider Tavares' record the past year.

In football, the Bulldogs scored 235 points to their opponents' 0!—with five boys making the all-conference team. The basketball team dropped two pre-season games, then went on to cop 21 straight, scoring 1,103 points to their opponents' 640. The boys went all the ways to the semi-finals of the state Class C tourney, losing to Pompano, the ultimate champions, after leading up to the final two minutes. Two players received all-conference honors (Dick Pace and Ed Sirmons, both of whom also made the all-conference football team).

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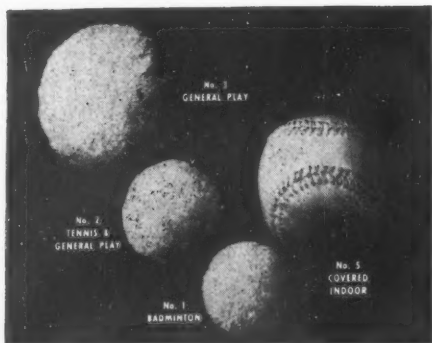
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# DUNLOP

## Meet the Press

(Continued from page 44)

losing team into an asset. For years before the 1945 season, Lou Little had a loser at Columbia. But you'd never know it from his newspaper publicity.

Lou was smart enough to think up interesting news ideas. He would talk about new rules, twists to the T, etc. Even last year, when Columbia enjoyed a successful season, Little grabbed more than his share of headlines by announcing how much he owed to his assistant coaches — Tad Wieman, former Princeton head man, and Buff Donelli, former Duquesne head coach.

As I mentioned in my previous article, a coach should always be accessible to the press. His office door should be wide open.

If the reporter arrives while movies are being shown, he should be welcomed with open arms. He can always pick up an item or two listening to the comments on the mistakes that won or lost the game.

A small matter like inviting a newspaperman to lunch upon his arrival is appreciated by the visitor. Not because of the free hand-out, but because otherwise he would have had to search for a restaurant in a strange community, then conduct another hunt for the man he had come to see.

In these times when many reporters are doing without cars, a small thing like making room in a car or a bus on a trip to an otherwise inaccessible school, is a favor that reaps rich dividends in press relations.

There are many other small things a coach can do that will cost him little or nothing and pay off richly.

One last thing—learn to speak cogently and succinctly. A reporter likes nothing better than to get his information in a few minutes of pointed conversation. He is annoyed by hours of rambling talk which produce a huge mass of notes but few newsworthy items.

## BASKETBALL ALL-AMERICAS

HERE are two of the more authoritative all-America basketball teams for 1946:

According to the *Sporting News*, it was Morris, Northwestern, and Mikan, De Paul, at forward; Kurland, Aggies, at center; and Tanenbaum, NYU, and Dillon, North Carolina, at guard.

True Magazine picked Klier, Notre Dame, and Sailors, Wyoming, at forward; Mikan at center; and Kurland and Hassett, Notre Dame, at guard.

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## New Books

**WINNING GOLF.** By Byron Nelson. Pp. 192. Illustrated—photographs. New York: A. S. Barnes & Co. \$2.75.

**G**OLFDOM's greatest shot-sinker turns author in this book, and he "putts" across his points with the same deftness and accuracy as his golf game.

After telling you how to select your equipment, he goes into grips, stances, swing; then into playing the woods, irons (long, medium and short), pitch and chip shots, putting, sand-trap shots, and variations (hitting ball high and low, intentional slicing and hooking, uphill and downhill lies, etc.).

Most of this instruction takes the form of cogent, succinct captions for full-page action pictures. There are 48 of these huge action plates, posed for by the master himself.

This visual-type presentation lends itself well for study by beginning and experienced golfers, as well as coach-teachers.

Nelson's tournament record is super stupendous. Look at some of his records: Season scoring average—68.33 for 120 rounds of official PGA play; 72-hole tournament score—259 (62-68-63-66); season earnings—\$52,511.32; consecutive tournaments finished in money—109 (last count); consecutive major tournaments won—12; total major tournaments won in season—19.

**1946 FISHING GUIDE.** Compiled by William Voigt, Jr. Pp. 256. Illustrated—photographs and maps. New York: A. S. Barnes & Co.

**D**EVOTEES of the ancient art of fishing will find an encyclopedia of helpful "angles" in this comprehensive state-by-state treatise on where and when to fish.

Attractively compiled in this 256-page guide is a roundup of fresh and salt water angling throughout the nation. Each state is covered in an individual chapter.

The book tells you where to go to fish, when to go, and what type of fish you can expect to catch—or miss. Large maps of the favorable fishing waters are given for each state, as well as the various laws and licenses.

The compiler, William Voigt, Jr., does not neglect conservation while telling the fishing story of the United States in the Guide.

In a nice way, he has put his fingers on weaknesses in various states. While describing the fishing, he has managed also to point the way to a better, a cleaner, a more enjoyable out-of-doors.

A lot of solid information is packed into this Guide, but the book is expected to improve with each successive edition. This first edition is certainly a brilliant beginning.

O.K., fish lovers, take it away.

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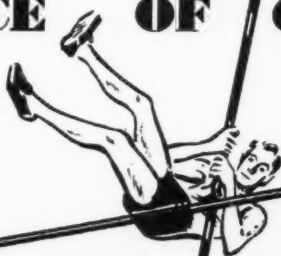
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## ATHLETIC HEART

By Dick Miller

Dick Miller, University of Nebraska Big Six pole vaulting champion, polishes off that ancient bugaboo—the "athletic heart."

**T**HE heart, man's most vital organ, has been a center of controversy since medical science moved into the sports field.

Perhaps the most exasperating misconception that plagues the coach is that bugaboo known as "athletic heart."

Exactly what is an "athletic heart?" Many coaches believe it is a disease. Actually it is nothing more than an enlarged heart—a common condition among athletes. Relatively few people realize that the terms "athletic heart" and "enlarged heart" are synonymous.

We know that large biceps are the product of physical exercise or function. Where the functional activity of a muscle is increased, the structure must also increase to produce the desired action. In other words, function makes structure.

The heart reacts in similar fashion. Give the body more physical activity and it calls upon the heart for more blood. This increase in activity produces an increase in muscle size. And there, in the increased structure, you have your enlarged heart.

Is the enlargement from physical activity harmful? The answer is definitely no. It is nature's method of establishing body equilibrium. The enlargement represents an economy of body energy.

Let's look at it this way: A small wheel, to cover the same ground as a larger wheel, must make more revolutions per minute. In the case of the heart, the smaller heart must beat more times per minute than the larger heart to circulate the same amount of blood.

The slower and deeper contraction of the enlarged heart reduces wear and tear on the organ, and promotes efficiency and economy. By virtue of its enlargement, the heart increases what we call the "cardiac reserve power."

Cardiac reserve power may be defined as the difference between the maximum and normal power of the heart. As the reserve power of the heart increases, the capacity for strength and endurance also increases.

The defense of the enlarged heart and the refutation of the athletic heart represent one of the most valuable contributions made by scientifically minded sports investigators.

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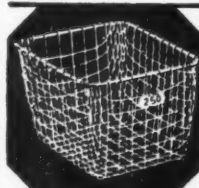
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## Basketball Finals

(Continued from page 40)

### New York

#### Sectional winners

**A**LTHOUGH the Garden State does not sponsor a state championship, individual winners are decided in each of the nine sections. The 1946 winners follow:

**Section 1:** Class A, Portchester, Coach Henry McWhinnie; Class B, Washington Irving of Tarrytown, Coach Matthew Davidson; Class C, Irvington, Coach Donald S. Wormley. (Washington Irving won the A-B playoff.)

**Section 2:** A, Troy, Edward Picken; B, Glens Falls, Thomas F. Allen; C, St. Johnsville, Ralph Anderson; D, Broadalbin, William Stillman.

**Section 3:** First, Camillus (Class D), John Gibbons; second, Mohawk (Class C), Gordon O'Reilly; third, Whitesboro (Class B), Allen G. Frye; fourth, Syracuse Central (Class A), Edward Friedlander.

**Section 4:** Champion, Union - Endicott, R. C. Frederick; runner-up, Norwich, Harold Bradley.

**Section 5:** AA, East-Rochester, Richard Ader; A, East Rochester, Frank J. O'Donnell; B, Alfred-Almond, Paul Powers; C, Honeoye Falls, Herbert J. Worboys.

**Section 6:** AA, Niagara Falls, Doc Parsons; A, Gowanda, Irving Halstead; B, Randolph, Clarence Clemens; C, South Dayton, Kenneth Vance.

**Section 7:** A, Fort Henry, Kenneth Hausner; B, Elizabethtown, Malcolm Provost; C, Moriah, Thomas Walton.

**Section 8:** A, Port Washington, Leo Costello; B, Bayport, Joseph Vignato.

**Section 9:** A, Haverstraw, Moon Mullins; B, Walden, John Marone; C, Goshen, Glenn Spregue; D, Montgomery, Ernest Greenwell.

#### Tourney proposal fails

In a recent referendum, the New York administrators voted on a proposition to permit the state association to conduct state meets and tournaments. The proposal lost by the close vote of 229 opposed and 217 favoring. At the present time, all competition stops with the sectional meets and tournaments.

Another proposal on which a vote was taken, and which also failed to pass, would have permitted competition in the eighth or ninth grade without having such competition counted as one of the four permissible years of high school competition.

The state executive committee has approved the establishment of a summer sports season extending from the close of school in the spring to the opening of school in the fall.

—JOHN K. ARCHER

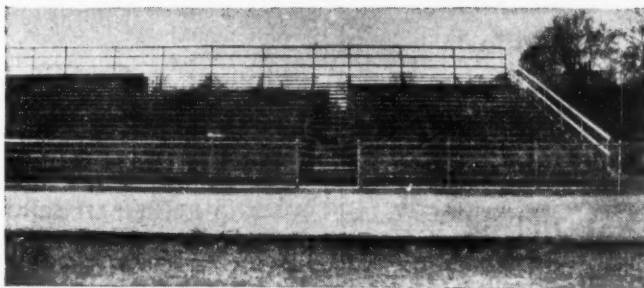
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**BETHANY COLLEGE**—Bethany, W. Va. Aug. 12-16. John Knight, director. Courses: Football. Staff: Frank Thomas, Lynn Waldorf. Tuition: \$15. (See adv. on page 49.)

**COLORADO H. S. COACHES ASSN.**—Denver, Colo. Aug. 20-23. N. C. Morris, director. Courses: Football, Basketball, Track, Wrestling. Staff: Julius Wagner, Harold White, Ray French, Joe Davies, Fritz Brennecke, Marcus Covert, others. (See adv. on this page.)

**EDINBORO COACHING SCHOOL**—Edinboro, Pa. Aug. 7-11. James F. Hyde, director. Courses: Football, Athletic Administration. Staff: Lynn Waldorf, Burt Ingwersen, Stu Holcomb, Ted Payseur. Tuition: \$20, including room and board.

**FREMONT COACHING SCHOOL**—Fremont, Mich. Aug. 26-28. L. J. Gotschall, director. Courses: Basketball, Football. Staff: Herbert Read, Bennie Van Alostine, Charles Cummings, Bill Kelley, Bunny Levitt, Forrest England. Tuition: \$6.50 (basketball), \$4 (football).

**GEORGIA ATHLETIC COACHES ASSN.**—Atlanta, Ga. Dwight Keith, director. Courses: Football, Basketball, Training. Staff: Frank Thomas, Rex Enright, Vernon Smith, Dixie Howell, Wilbur Hutsell, others. Tuition: \$10.

**HOLY CROSS**—Worcester, Mass. June 24-28. Ox DaGrosa, director. Courses: Football, Baseball, Basketball. Staff: Ed McKeever, Ox DaGrosa, Steve Owen, Adolph Rupp, Frank Keaney, Jack Barry, Doggie Julian, Hop Riopel. Tuition: \$25. (See adv. on this page.)

**ILLINOIS H. S. COACHES ASSN.**—Champaign, Ill. Aug. 21-24. N. A. Ziebell, director. Courses: Football, Basketball, Baseball, Track. Staff: To be selected. Tuition: \$5, members; \$10, non-members.

**INDIANA BASKETBALL SCHOOL**—Logansport, Ind. Aug. 22-24. Cliff Wells, director. Staff: Adolph Rupp, Loren Ellis, Bunny Levitt, E. N. Case. Tuition: \$10.

**IOWA H. S. ATHLETIC ASSN.**—Spirit Lake, Ia. Aug. 19-23. Lyle T. Quinn, director. Courses: Basketball, Football, Baseball, Track. Staff: Hank Iba, Everett Dean, Bo McMillin, others. Tuition: \$15 (including board and room); 50% more for out-of-state coaches. (See adv. on this page.)

**KANSAS COACHING ASSN.**—Wichita, Kan. Aug. 19-26. E. A. Thomas, director. Courses: Football, Basketball, Baseball, Track, Six-Man Football, Training. Staff: To be selected. Tuition: \$10.

**LOUISIANA FOOTBALL COACHES ASSN.**—New Orleans, La. G. G. Brown, director. Courses: Football, Basketball, Track, Training. Staff: Fritz Crisler, Henry Frnka, others. Tuition: Free for state coaches, small charge for others.

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**NEBRASKA H. S. ACTIVITIES ASSN.**—Lincoln, Neb. Aug. 13-16. O. L. Webb and A. J. Lewandowski, directors. Courses: Football, Basketball, Baseball, Track. Staff: Bernie Masterson, others.

**NEW YORK H. S. ATHLETIC ASSN.**—Hamilton, N. Y. Aug. 26-31. Philip J. Hammes, director. Courses: Football, Basketball, Six-Man Football, Baseball, Track, Training. Staff: Howie Odell, Clarence Munn, others.

**OHIO H. S. COACHES ASSN.**—Toledo, O. Aug. 9-16. Jack Mollenkopf, director. Courses: Football. Staff: Frank Leahy, Ed Krause, Bernie Crimmins, Paul Bixler, Carroll Widdoes, Ernie Godfrey, Esko Sarkkinen. Tuition: \$0.00. (See adv. on page 62.)

**OKLAHOMA ST. COACHES ASSN.**—Oklahoma City, Okla. Aug. 19-23. Leo Higbie, director. Courses: Football. Staff: Ed McKeever, Fritz Crisler. Tuition: \$10.

**PENN ST. COLLEGE**—State College, Pa. Inter-Session, June 10-20; Main Session, July 1-Aug. 10; Post-Sessions, Aug. 12-31 and Sept. 3-21. Courses: All Sports, Health and Physical Education, Recreation. Staff: College Faculty.

**RHODE ISLAND H. S. FOOTBALL COACHES ASSN.**—May 29-June 2. Anthony Pariseau, director. Courses: Football, Basketball, Baseball, Track, Training. Staff: George Munger, Howie Odell, Herb Kopf, Ox Da-Grosa, Ed McKeever, Clair Bee, Frank Keaney, Daggie Julian, Ted Williams, Leo Novak, Fred Tootell, George Eastment, Ivan Fuqua, John McKinnon, others.

**TEXAS H. S. COACHES ASSN.**—Corpus Christi, Tex. Aug. 5-9. Bobby Cannon and Bill Carmichael, directors. Courses: Football, Basketball, Track, Training. Staff: Dana X. Bible, Ray Eliot, Adolph Rupp, Frank Kimbrough, others. Tuition: \$10, members; \$15, non-members.

**UNIVERSITY OF ALABAMA**—Tuscaloosa, Ala. Aug. 22-24. Frank W. Thomas, director. Courses: Football. Staff: Alabama staff and four outstanding high school coaches. Tuition: Free.

**UNIVERSITY OF COLORADO**—Boulder, Colo. June 14-18. Harry Carlson, director. Courses: Football, Basketball, Track. Staff: James Yeager, Forrest Cox, Frank Potts.

**UNIVERSITY OF IOWA**—Iowa City, Ia. June 11-Aug. 7. E. G. Schroeder, director. Courses: Physical Education and Coaching.

**UNIVERSITY OF MINNESOTA**—Minneapolis, Minn. June 17-July 27. L. F. Keller, director. Courses: Football, Basketball, Track, Physical Education. Staff: Bernie Bierman, Dave MacMillan, Jim Kelly, others. Tuition: \$35.

**UTAH ST. AGRICULTURAL COLLEGE**—Logan, Utah. June 10-14. E. L. "Dick" Rom-

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| <b>AMERICAN WIRE (60)</b><br><input type="checkbox"/> Folder, Checking and Locker Baskets  | <b>GENERAL MILLS (41)</b><br>See ad on how to obtain booklet, "Want to Be a Softball Champion?"   | <b>FRED MEDART (6)</b><br><input type="checkbox"/> Book, "Physical Training, Practical Suggestions for the Instructor"                           |
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| <b>AWARD INCENTIVES (56)</b><br><input type="checkbox"/> Catalog   | <b>GULF OIL (37)</b><br><input type="checkbox"/> Booklet, "Sani-Soil Set for Controlling Dust"  | <input type="checkbox"/> Catalog on Telescopic Gym Seats, Steel Lockers  |
| <b>A. S. BARNES (36)</b><br><input type="checkbox"/> Catalog, Sports Books   | <b>HAND KNIT HOSIERY (40)</b><br><input type="checkbox"/> Award Sweater Catalog   | <input type="checkbox"/> Information, Acromat-Trampoline   |
| <b>CEDAR KRAFT (60)</b><br><input type="checkbox"/> Information on Electric Scoreboards  | <b>HANNA MFG. (55)</b><br><input type="checkbox"/> Information on Batrite Bats  | <input type="checkbox"/> Catalog on Basketball Backstops, Scoreboards  |
| <b>E. J. CLARKE (60)</b><br><input type="checkbox"/> Information, Repair of Inflated Goods   | <b>H. &amp; R. MFG. (46)</b><br><input type="checkbox"/> Information, Dry Markers   | <b>C. V. MOSBY (58)</b><br><input type="checkbox"/> Sports Booklist  |
| <b>CLEBAR WATCH (59)</b><br><input type="checkbox"/> Catalog, Stop Watches   | <b>HILLERICH &amp; BRADSBY (50)</b><br><input type="checkbox"/> Famous Sluggers Year Book<br><input type="checkbox"/> Softball Rules Book | <b>MUTUAL LIFE (51)</b><br><input type="checkbox"/> Aptitude Test  |
| <b>COACHING SCHOOLS</b><br><input type="checkbox"/> Arizona St. (62)<br><input type="checkbox"/> Bethany College (49)<br><input type="checkbox"/> Colorado H. S. (62)<br><input type="checkbox"/> Holy Cross (62)<br><input type="checkbox"/> Iowa H. S. (62)<br><input type="checkbox"/> Ohio H. S. (62)<br><input type="checkbox"/> Wentworth (63) | <b>HORN MFG. (52)</b><br><input type="checkbox"/> Information on Folding Bleachers, Partitions  | <b>NADEN ELECTRIC (52)</b><br><input type="checkbox"/> Information on Scoreboards  |
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| <b>CROUSE HINDS (39)</b><br><input type="checkbox"/> Bulletins, Floodlighting Sports Fields  | <b>JOHNSON &amp; JOHNSON (31)</b><br><input type="checkbox"/> Information, All-Elastic Supporter  | <b>NOCONA LEATHER (19)</b><br><input type="checkbox"/> Information   |
| <b>C. R. DANIELS (4)</b><br><input type="checkbox"/> Catalog on New Line of Football, Baseball, Softball, Gym and Field Equipment  | <b>E. P. JUNEMAN (56)</b><br><input type="checkbox"/> Booklet, "Badminton and Tennis Strokes"   | <b>O-C MFG. CO. (53)</b><br><input type="checkbox"/> Information on Apex Athletic Supporter (See ad on how to obtain Free Supporter)             |
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| <b>DUNLOP RUBBER (58)</b><br><input type="checkbox"/> Tennis Book, "Stroking with Vincent Richards"  | <b>LEAVITT CORP. (61)</b><br><input type="checkbox"/> Information, Knockdown Bleachers  | <b>OREGON WORSTED (58)</b><br><input type="checkbox"/> Information on Flying Fleece Recreation Balls   |
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| <b>EAGLE REGALIA (52)</b><br><input type="checkbox"/> Information on Sport Pins and Buttons, Medals, Trophies  | <b>MacGREGOR-GOLDSMITH (21)</b><br><input type="checkbox"/> Sports Catalog  | <b>PENNA. SALT (23)</b><br><input type="checkbox"/> Sample, "Tilite"   |
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|  |   | <b>PRATT &amp; MORRIS (52)</b><br><input type="checkbox"/> Catalog, Stop Watches   |

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**SEE PAGE 64 FOR OTHER LISTINGS AND FORM FOR SIGNATURE**

## WENTWORTH MILITARY ACADEMY COACHING SCHOOL

Sauer-Brothers ★ Iba-Duer-Taylor  
FEE \$10 (Ten)

All demonstrations on the field—all sports  
**Write CAPT. CHINK COLEMAN**  
LEXINGTON, MISSOURI

When you order in \_\_\_\_\_ your regular dealer  
Specify **OZITE** GYM MAT FILLER.  
ALL-HAIR ...it's livelier, safer, longer lasting!



Genuine OZITE All-Hair stays soft and springy for years and years . . . never packs down, never gets lumpy or bumpy. Heavier and denser than ordinary mat fillers . . . laminated construction keeps mats flat always. And OZITE is 100% safe . . . no broken needles or bits of metal in it, because OZITE Gym Mat Filler is felted without needles by the famous "Platen Process".

Write for names of concerns who can supply you  
This OZITE label sewn on the cover of gym mats protects you against substitution . . . assures you that the filler is Genuine All-Hair OZITE Gymnasium Mat Felt.

THIS GYM MAT IS FILLED WITH GENUINE  
**Ozite**  
GYM MAT FELT  
GUARANTEED 100% HAIR  
AND FREE FROM BROKEN NEEDLES  
WILL NOT PACK DOWN OR LUMP  
This label is your assurance that the manufacturer of the  
Ozite Mat is using the finest felt made for this purpose.

Write to Dept. 6F5

**AMERICAN HAIR & FELT COMPANY** MERCHANDISE MART  
CHICAGO 54, ILLINOIS

## SCHOLASTIC COACH MASTER COUPON

(See page 63 for other listings)

(Numbers in parentheses denote page on which advertisement may be found)

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| PRECISION SPORTS (42)<br><input type="checkbox"/> Folder on Grid-Eye Measuring Device                          | SOLVAY SALES (48)<br><input type="checkbox"/> Folder, "For Cleaner, Weedless, Dust-Free Play Areas"                | VOIT RUBBER<br>(Inside Back Cover)<br><input type="checkbox"/> Catalog on Rubber Covered Athletic Balls and Equipment<br><input type="checkbox"/> Illustrated Price List |
| RAWLINGS (3)<br><input type="checkbox"/> Catalog   | SPALDING & BROS. (1)<br><input type="checkbox"/> Catalog<br><input type="checkbox"/> Sports Show Book              | WAYNE IRON (50)<br><input type="checkbox"/> "Grandstand Idea Book"   |
| REGALIA MFG. (58)<br><input type="checkbox"/> Catalog and Price List on Flags, Plaques, Emblems, Award Ribbons | SUM PRODUCTS (46)<br><input type="checkbox"/> Information, Sum Ray Infra-Red Lamp                                  | WESTERN CARTRIDGE (2)<br><input type="checkbox"/> Small-Bore Rifle Shooting Handbook   |
| REMINGTON ARMS (35)<br><input type="checkbox"/> Instructor's Manual on Operation of a Rifle Club               | UNION METAL (43)<br><input type="checkbox"/> Catalog on Floodlighting Poles  | WILSON (15)<br><input type="checkbox"/> Catalog  |
| REVERE ELECTRIC (56)<br><input type="checkbox"/> Sports Floodlighting Bulletin                                 | U. S. RUBBER (47)<br><input type="checkbox"/> Booklet, "Track and Field," by Emil Von Elling<br>How Many . . . . . | Y.M.C.A. MOTION PICTURE BUREAU (27)<br><input type="checkbox"/> Information, Football Coaching Film, "West Point Championship Football"                                  |
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NAME \_\_\_\_\_ POSITION \_\_\_\_\_  
(Principal, coach, athletic director, physical director)

SCHOOL \_\_\_\_\_ ENROLLMENT \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

No coupon honored unless position is stated

May, 1946

ney, director. Courses: Football, Basketball. Staff: Frank Leahy, Hank Iba. Tuition: \$10.

**WASHINGTON ST. COLLEGE**—Pullman, Wash. June 10-July 5. J. Fred Bohler, director. Courses: Football, Basketball, Baseball, Physical Education. Staff: Coaches Sorboe, Friel, and Bailey. Tuition: \$23.

**WENTWORTH MILITARY ACADEMY**—Lexington, Mo. Aug. 26-30. Capt. Chink Coleman, director. Courses: Football, Basketball, Baseball, Track, Swimming, Golf, Training. Staff: George Sauer, Hank Iba, Buddy Brothers, Louis House, Al Duer, Chuck Taylor, Capt. Edgar Muench, Capt. Karl Berninger, Frank and Chuck Cramer. Tuition: \$10. (See adv. on page 63.)

**WILLIAM & MARY**—Williamsburg, Va. July 11-18. Rube McCray, director. Courses: Major Sports. Staff: To be selected.

**WISCONSIN H. S. COACHES ASSN.**—Madison, Wis. Aug. 19-23. Warren Kasch, chairman. Courses and Staff to be selected.

## NATIONAL FEDERATION NEWS

**A**NTICIPATING the great increase in school building programs, the Montana High School Assn. lent full cooperation in the sponsoring of the school building clinic at Montana St. Teachers College on April 25-27. The clinic was financed by voluntary payment of a fee by each interested school; \$50 for smaller schools and \$100 for larger schools.

**Southern states.** Georgia and Alabama are seriously considering the inauguration of full-time executive officers. The action has already been authorized by the state association and final approval hinges on details connected with the method of financing the expanded program. Alabama, Louisiana, Mississippi, and Virginia have each formally voted to become a party to the baseball contract agreement.

**Baseball.** Iowa and Minnesota have already taken official board action to arrange a state-sponsored series of baseball games during the summer. Over 50,000 copies of the Federation edition of the Baseball Rules Book have been distributed.

**Federation meeting.** After thorough research, the Executive Committee of the Federation has voted to hold its 1947 annual meeting at St. Petersburg, Fla., during the week of January 5-11. Headquarters will be at the Soreno Hotel, one of the better hotels of the city. The formal sessions will be spaced to cover four days.

**GYMNASIUM and PLAYGROUND APPARATUS.**

**PORTABLE BLEACHERS and GYMNASIUM STANDS.**

**BASKETBALL ELECTRICAL SCORE-BOARDS.**

**BRADLEY M. LAYBURN CO.**  
461-8th Avenue, New York, N. Y.